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WILLIS S. PINO

SEEDS

FLOWER
VEGETABLE
LAWN

1934



VEGETABLE
SEED TRIALS
HORTICULTURE

NASTURTIIUM
GOLDEN GLEAM

41-43 WASHINGTON ST.
AT EDDY



PROVIDENCE, R. I.



The Preparation and Care of a Lawn

A well cared for lawn adds more than any other one thing to the attractiveness of the home grounds and not only this, it increases the value of property by much more than the mere expense of securing the lawn. There are a few simple rules which, if followed consistently, will be certain to bring good results.

The ground must first be thoroughly prepared by draining, if necessary, and spade or plow to the depth of 6 to 12 inches, according to the nature of the soil, applying a liberal quantity of well decomposed manure, bonemeal or pulverized sheep manure, the latter we recommend as being lasting in effect, not liable to burn the grass and free from weeds. Clean the ground

thoroughly and rake perfectly smooth and level, as much of the success depends upon this part of the preparation. The seed should be sown on a calm day, that it may be applied evenly, and at the rate of 100 pounds per acre, or one pound is sufficient for 400 square feet. After the seed is sown the ground should be rolled with a light roller or evenly tamped with the back of a spade. The plot should be mowed every ten days from May until September, using a sharp scythe in preference to a mower until a close turf is formed. Frequent mowing and rolling is necessary to maintain a close, even turf. April and September are the best months for sowing lawn seed.

Park Lawn Grass Mixture

In our lawn mixture we use only the highest quality; extra clean seed and free from weed seeds which abound in inferior grades. We use only the choicest low-growing grasses, and a lawn produced from our seeds will maintain a rich, dark velvety appearance and a permanent sod. One pound will sow 400 square feet.

$\frac{1}{2}$ lb. 35c., 1 lb. 60c., $2\frac{1}{2}$ lbs. \$1.25, 5 lbs. \$2.25, 20 lbs. \$8.00, 100 lbs. \$36.00.

Shady Nook Grass Mixture

A special mixture of grasses adapted to growing under trees and in shady places where it is quite difficult to produce a satisfactory growth. $\frac{1}{2}$ lb. 40c., 1 lb. 75c., $2\frac{1}{2}$ lbs. \$1.50, 5 lbs. \$2.75, 20 lbs. \$10.00.

Suburban Lawn Mixture

A mixture of suitable grasses for lawn use eliminating the high cost varieties composing a large part in our Park Lawn and Shady Mixture. We plan to give a mixture to compete with many offerings containing grasses not suitable for such uses. Lb. 35c., $2\frac{1}{2}$ lbs. 75c., 5 lbs. \$1.50.

White Clover. Desirable for mixing with lawn seed where soil is poor and sandy. Also desirable at seashore where it is difficult to establish grass. 2 ozs. 15c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., 1 lb. 75c., 10 lbs. \$6.50.

Kentucky Blue. A superior grass for pastures and lawns. Succeeds well in all soils and stands dry weather well. Lb. 35c., 5 lbs. \$1.65, 10 lbs. \$3.00.

Red Fescue. Suitable for sandy soils and at the seashore. Lb. 40c., 5 lbs. \$1.75, 10 lbs. \$3.00.

Rhode Island Bent. One of the best grasses for lawns in adapting itself to almost any soil—dry, moist or sandy. Very carefully selected stock, thoroughly cleaned. Lb. \$1.40, 5 lbs. \$6.50, 10 lbs. \$12.50.

Red Top. A hardy perennial grass, succeeding best on moist land. Used extensively in all pasture mixtures, remaining green the greater part of the year. Recleaned. Lb. 30c., 5 lbs. \$1.25, 10 lbs. \$2.25.

FOR LAWN DRESSING USE

Wizard Brand Pulverized Sheep Manure

Application made early in the Spring will produce a thick, velvety green lawn. For old lawns broadcast 6 to 10 lbs. per 100 square feet, on new lawns 10 lbs. per 100 square feet, raked into the surface soil. 2 lb. pkg. 20c., 5 lbs. 40c., 10 lbs. 70c., 25 lbs. \$1.15, 50 lbs. \$1.75, 100 lbs. \$3.00.

Outstanding Novelties for 1934

CALENDULA. Chrysantha
Clear buttercup yellow, distinct from other
Calendulas. Pkt. 15c.

HUNNEMANNIA.
Sunlight. Double Flowered.
The double Poppy which is different, the extra
band of petals is produced on the outside of the
Tulip-shaped flowers, making them appear open
at all times. Flowers bright canary yellow on bush
of gray green. Pkt. 15c.

MARIGOLD. Dwarf Monarch Strain
This selection has all the qualities which make up
the ideal type of dwarf French Marigold, dwarf
compact, with large, tight, double flowers. Colors
include orange, bronze, yellow and mahogany.
Pkt. 15c., large pkt. 35c.

ZINNIA. Lilliput, Tom Thumb Mixture
Plants 4 to 6 inches high, very compact, covered
with well formed Lilliput type flower covering a
wide range of colors. Pkt. 15c., large pkt. 35c.

ESCHSCHOLTZIA. Ramona Strain
New, compact, erect strain frilled and incurved.
Pkt. 15c.

HOLLYHOCK. Double Orange Prince
Described as rich apricot orange. Pkt. 25c.

IPOMOEA.
Rose Marie. Double Deep Rose
Early blooming, easily grown. Pkt. 15c.

NICOTIANA. Affinis
Sweet-scented Flowering Tobacco
Mixed colors. Pkt. 10c., large pkt. 25c.

ASTERS. Wilt-resistant
Wilt-resistant Asters will justify the expense of
higher price for seed. We are offering the follow-
ing from originator's stock.
Semple's Bracing: White, Shell Pink, Deep
Silvery Rose, Lavender, Purple, Mixed. Pkts.
20c. and 40c.



Nasturtium, Golden Gleam

Two 1933 Novelties

NASTURTIIUM
Golden Gleam.
Pkt. 15c., 1/2 oz. 25c.,
1 oz. 40c.

MARIGOLD
Guinea Gold.
Pkt. 15c., 1/8 oz. 35c.
The most outstanding
novelties offered in many
years. If you did not plant
last season, do not fail to
add to your list this season.



Marigold, Guinea Gold

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List of New Offerings or Strains in which Improvements Have Been Made in the Past Few Years

	Pkt.		Pkt.
Aster, New Improved California Sunshine.	\$0.20	Delphinium, Cambridge Blue. Annual....	\$0.25
Ageratum, Little Dorrit. White.....	.15	Delphinium, Iceberg. New white.....	.50
Canterbury-bells, Annual Mixed.....	.25	Leptosyne stillmani.....	.10
Coreopsis, Double Yellow.....	.15	Lobelia, Sapphire. Trailing.....	.15
Dahlia, Coltness Hybrids.....	.15	Lupinus hartwegi Giants. New.....	.15
		Zinnia, Crown of Gold.....	.25

SEEDS — Flower, Vegetable, Lawn

All stocks selected to secure the utmost in purity of type and highest germination. It is our desire to always be able to supply seeds equal to the best.

SEEDS BY MAIL—For the benefit of out-of-town buyers, I pay postage on all seeds ordered in packets, ounces and one-fourth pounds. Add for prepayment of postage on large quantities at parcel post rates, according to zone.

PARCEL POST RATES—1st and 2nd zones, within 150 miles, first pound, 8c.; second pound, 2c.; additional pounds, 1c. each. 3rd zone, 150 to 300 miles, first pound, 9c.; additional pounds, 2c. 4th zone, 300 to 600 miles, first pound, 10c.; additional pounds, 4c. each.

NON-WARRANTY—I give no warranty, expressed or implied, as to description, purity, productiveness, or any other matter, of any Seeds, Bulbs or Plants I sell, and will not be in any way responsible for the crop.

WILLIS S. PINO.

SELECTED FLOWER SEEDS



Ageratum

AMMOBIUM alatum grandiflorum. A beautiful everlasting annual. Pkt. 10c.



Sweet Alyssum

- | | |
|---|-------------|
| ABRONIA umbellata (Sandverbena). Trailing annual; rose color adapted to dry, poor soil. ¼ oz. 25c..... | Pkt. \$0.10 |
| ACHILLEA, The Pearl. Hardy Perennial. Double white, free flowering, good along borders and for cutting..... | .10 |
| ACONITUM napellus (Monkshood). Free-flowering hardy plant; does well in shade; 2 ft..... | .10 |
| ACROCLINIUM. Graceful, everlasting for Winter bouquets. Flower heads should be gathered when young if to be preserved. Mixed Colors. ¼ oz. 25c..... | .10 |
| ADLUMIA cirrhosa. Beautiful climber, flowers pink; 15 ft. | .10 |

AGERATUM

- | | |
|---|--------|
| Beautiful, hardy annual of near bushy habit. Very desirable for outdoor bedding; covered with bloom nearly all Summer. | Pkt. |
| Blue Star. Exceedingly dwarf and even growth not over 4 or 5 inches high and completely covered with bright blue flowers. ¼ oz. 40c..... | \$0.15 |
| Blue Perfection. The darkest colored large flowering variety. Deep amethyst blue. Compact and fine bedder. 1 ft. ⅛ oz. 25c..... | .10 |
| Imperial Dwarf. Blue, ¾ ft. ¼ oz. 25c..... | .10 |
| Imperial Dwarf. White, ¾ ft. ¼ oz. 25c..... | .10 |
| Imperial Dwarf. Mixed. ¼ oz. 25c..... | .10 |

AGROSTEMMA

- | | |
|---|--------|
| Free blooming plants. Culture easy. | Pkt. |
| Coelirosa (Rose-of-heaven). Hardy annual; bright rose; 18 in. ¼ oz. 25c..... | \$0.10 |
| Coronaria (Mullein Pink). Hardy perennial, dark blood-red; 2 ft.; fine for cutting. ¼ oz. 25c..... | .10 |

ALYSSUM

- | | |
|--|--------|
| Dwarf growing, hardy annuals blooming profusely throughout the season. | Pkt. |
| Maritimum (Sweet Alyssum). Fragrant white; 10 in. Oz. 30c., ¼ lb. 90c.... | \$0.10 |
| Little Gem. Dwarf white; 6 in. ¼ oz. 25c., oz. 75c., ¼ lb. \$2.25..... | .10 |
| Carpet of Snow. Pure white, very dwarf and sweet; 4 in. ¼ oz. 25c., oz. 75c.... | .10 |
| Lilac Queen. Compact growth with lilac-colored flowers. ¼ oz. 25c..... | .10 |
| Saxatile compactum (Gold Dust). Bright yellow. Spring-flowering hardy perennial; 9 in. ¼ oz. 25c..... | .10 |

AMARANTHUS

- | | |
|---|--------|
| Brilliant foliated annuals with showy racemes of flowers; very ornamental. | Pkt. |
| Bicolor rubra. Scarlet and orange foliage. ¼ oz. 25c..... | \$0.10 |
| Caudatus (Love-lies-bleeding). Dark red. ¼ oz 25c..... | .10 |
| Tricolor splendens. Very beautiful foliage. ¼ oz. 25c..... | .10 |
| Molten Fire. (Summer Poinsettias) very beautiful and ornamental leaves, dark bronze center..... | .15 |
| ANCHUSA capensis (Summer Forget-me-not). Border plant with branched heads of azure-blue with white eye. Hardy annual; 2 ft. ¼ oz. 25c..... | .10 |
| Dropmore Variety. One of the best blue perennials, flowers borne on graceful stems and continuous blooming. ⅛ oz. 25c..... | .10 |
| ANEMONE (Windflower). Valuable perennial, producing large flowers; fine for bouquets. Sow in Spring and shade till plants appear. 18 in. | |
| Coronaria (Poppy Anemone). Single mixed..... | .10 |
| St. Brigid. Double and semi-double flowers in pleasing array of colors. Mixed. | .15 |
| ANTHEMIS kelwayi (Hardy Marguerite). Daisy-like hardy perennial, golden yellow blooming all Summer, good for cutting..... | .10 |

Asters Wilt Resisting See Page 1

One of the most highly prized and best known annuals. Should be sown from middle of March to 1st of May and when an inch high, transplanted into pots or boxes and planted out in open ground last of May. Ground should be well manured and thoroughly worked. Seed sown in open ground from middle of April until June make excellent late blooms.

GIANTS OF CALIFORNIA

A splendid new strain combining the fluffy Comet type flower with the giant size and vigor of the Beauty type. The finest strain of Aster on the market.

	$\frac{1}{8}$ oz.	Pkt.
White.....	\$0.60	\$0.20
Peach Blossom.....	.60	.20
Light Blue.....	.60	.20
Deep Rose.....	.60	.20
Dark Purple.....	.60	.20
Mixed Colors.....	.50	.15

GIANT BRANCHING COMET

Flowers extra large, with long, wavy, curled petals, long stems; 2½ feet. Mixed. $\frac{1}{8}$ oz. 40c., pkt. 10c.

THE KING (Needle Type)

Vigorous growth, long, stiff stems; branching habit. Flowers large, petals quilled, curled and incurved. Mixed. $\frac{1}{8}$ oz. 50c., pkt. 10c.

QUEEN OF THE MARKET

The earliest flowering variety; stems long and an excellent variety for cutting. White, Rose, Light Blue, Mixed. $\frac{1}{8}$ oz. 40c., pkt. 10c.

HEART OF FRANCE

A large flowering dark red sort, about 2 ft. high, well branched, long stems, deep ruby red. $\frac{1}{8}$ oz. 50c. pkt. 15c.

IMPROVED GIANT CALIFORNIA SUNSHINE

Plants grow about three feet high, bearing flowers four inches in diameter, single, contrasting pompon centre. Pkt. 20c.



Aster, Samples Branching



Aster, Giants of California

SINGLE GIANTS OF CALIFORNIA

Flowers measure 3 inches in diameter with stems 18 inches long, petals slightly twisted. Good range of colors. Attractive in the garden or cut. $\frac{1}{8}$ oz. 50c., pkt. 15c.

SEMPLER BRANCHING

A very strong growing type of Aster, stems long, bloom full-petaled, large and fine form. The petals are long, broad and of exceptional substance; height 2½ feet.

	$\frac{1}{8}$ oz.	Pkt.
White.....	\$0.40	\$0.10
Shell Pink.....	.40	.10
Rose Pink.....	.40	.10
Scarlet.....	.40	.10
Lavender.....	.40	.10
Purple.....	.40	.10
Mixed.....	.40	.10

ANTIRRHINUM (Snapdragon)

Half-hardy perennial treated as an annual. One of the finest flowers for cutting spikes long, gorgeously colored. Seed sown in February or March will bloom from July until frost. May



Antirrhinum

- also be sown in open ground in April for blooming in August.
- Nanum grandiflorum.** Large-flowering, medium height varieties; 2½ ft. The best type for general use. Pkt.
- Golden Queen.** Clear yellow. $\frac{1}{8}$ oz. 35c.....\$0.10
- Firebrand.** Bright scarlet. $\frac{1}{8}$ oz. 35c..... .10
- Purity.** Pure white. $\frac{1}{8}$ oz. 35c..... .10
- Philadelphia Pink.** One of the best pure pinks..... .25
- Silver Pink.** Pearly pink, seemingly covered with a silver sheen. $\frac{1}{8}$ oz. 50c... .10
- Mixed Colors.** $\frac{1}{8}$ oz. 35c..... .10
- Majus grandiflora.** Tall-growing; 3 ft. Adapted for garden culture; fine, long stems for cutting. Mixed Colors. $\frac{1}{8}$ oz. 25c..... .10
- Tom Thumb.** Dwarf varieties; ½ ft. Album, White, Roseum, Pink. Each. .10
- Tom Thumb, Mixed.** Fine assortment of all colors. $\frac{1}{8}$ oz. 35c..... .10

AQUILEGIA (Columbine)

- Free-blooming, hardy perennials; thrives best in a moist situation. Pkt.
- Long-spurred Scott Elliott's Hybrids, Choice Mixed.** The finest strain in existence. Colors are unique and very striking; 2½ ft. 1-16 oz. 50c.....\$0.25
- Single Mixed.** $\frac{1}{8}$ oz. 25c..... .10
- Double Mixed.** $\frac{1}{8}$ oz. 25c..... .10
- ARABIS alpina** (Rockeress). Early, Spring flowering, pure white annual for edging or rockeries. ¼ oz. 25c..... .10
- ARMERIA formosa** (Thrift or Sea Pink). Hardy perennial, excellent for edging or rockeries..... .10
- ARCTOTIS grandis** (African Daisy). Hardy annual. Pure white flowers with light blue center; 2½ ft. ¼ oz. 25c..... .10

ASPERULA

- Adapted to border or rockwork; sweet scented, long bloomers. Will grow in poor soil or shaded places. Pkt.
- Setosa azurea.** Light blue; 1 ft. ¼ oz. 25c.....\$0.10
- Odorata** (Woodruff). White; 1½ ft..... .10
- AUBRIETIA** (Rainbow Rockeress). Hardy perennial rock plant with silvery green foliage and flowers of many shades.
- Large Flowering Hybrids Mixed.** $\frac{1}{8}$ oz. 35c..... .15
- ARGEMONE.** Sturdy bushes, 2 to 3 ft. high; flowers rich yellow to creamy white; sow where they are to grow soon as ground is warm; in light soil. ¼ oz. 25c..... .10



Aquilegia

BALSAM

Very popular annuals, producing a brilliant array of colors. Sow in open ground in May and transplant two or three times, allowing not less than 18 inches between plants at the last transplanting. Pkt.

Improved Camellia-flowered. Mixed Colors. ¼ oz. 25c.....\$0.10

BALLOONVINE. A very rapid growing climber, producing curious-shaped capsules. Oz. 15c..... .10

BEGONIA

Excellent for Summer and Autumn blooming; both flowers and foliage have a bright waxy appearance. Pkt.

Vernon. A beautiful plant for beds and borders; withstands heat and drought.....\$0.10

Semperflorens Mixed. All colors from white to crimson..... .10

BELLIS (Double English Daisy)

Favorite perennials; sow seed June to September; transplant in Fall and protect during the Winter. Will flower early in Spring. Sown in Spring will flower in Fall.



Calliopsis lanceolata

NEW GIANT DOUBLE. Enormous double flowers; 2 to 2½ in. in diameter. Pkt.

Double Giant rosea. 1-16 oz. 75c.....\$0.15

Double Giant alba. White. 1-16 oz. 75c..... .15

Double Giant Mixed. 1-16 oz. 50c..... .15

BRACHYCOME (Swan-river-daisy). Hardy annual, with small blue flowers; blooms profusely most of the Summer. 9 in. ⅛ oz. 25c..... .10

BROWALLIA elata. Annual. Excellent for cutting; color pale blue. ¼ oz. 30c.... .10

Speciosa major. Large flowering, ultramarine blue, adapted to the border or in hanging baskets, veranda boxes or as Winter and early Spring pot plants..... .25

CALCEOLARIA hybrida, Choice Mixed. Recommended for greenhouse plants, with beautiful striped, blotched and variegated flowers..... .25

CALLIOPSIS

Very free-flowering annuals, producing a gorgeous display in various shades of yellow and brown. Excellent for cutting. Pkt.

Drummondii (Golden Wave). Yellow, maroon center. ¼ oz. 25c.....\$0.10

Coronata maxima. Large yellow. ¼ oz. 25c..... .10

Finest Mixed. ¼ oz. 25c..... .10

Lanceolata. Bright yellow perennial. ¼ oz. 25c..... .10

CALENDULA (Pot-marigold)

Very robust, free-flowering annuals; seed may be sown in March and transplanted to open ground when danger of frost is over, or seed may be sown in open ground in April or May. Pkt.

Orange Giant. Large, deep orange. ¼ oz. 25c., oz. 75c.....\$0.10

Sulphur Crown. Large sulphur-yellow. ¼ oz. 25c..... .10

Balls Strain. Special forcing stock. Orange, light center. ⅛ oz. 50c..... .15

Campfire (Sensation). The best forcing variety. Dark orange with a scarlet sheen, very attractive. ⅛ oz. 75c..... .15

Radio. Beautiful orange, globe shape petals quilled; very distinct from other Calendulas. Large pkt. 35c..... .15

Mixed. All sorts. ¼ oz. 25c., oz. 75c..... .10

CAMPANULA (Canterbury-bells)

Very attractive, hardy biennials and perennials, showy for borders.

Medium, Single Mixed. ¼ oz. 35c.....\$0.10	Medium, Double Rose. ⅛ oz. 50c.....\$0.10
Single White. ⅛ oz. 40c..... .10	Double White. ⅛ oz. 50c..... .10
Single Blue. ⅛ oz. 40c..... .10	Calycanthema, Mixed (Cup-and-saucer). ⅛ oz. 40c..... .10
Single Rose. ⅛ oz. 40c..... .10	Blue. ⅛ oz. 50c..... .10
Single Striped. ⅛ oz. 40c..... .10	White. ⅛ oz. 50c..... .10
Double Mixed. ⅛ oz. 40c..... .10	Rose. ⅛ oz. 50c..... .10
Double Blue. ⅛ oz. 50c..... .10	Persicifolia, Blue. Perennial..... .15
Carpatia, Blue. Perennial. ⅛ oz. 35c..... .10	Alba. Perennial..... .15
Alba. Perennial. ⅛ oz. 35c..... .10	Pyramidalis, Blue. Perennial..... .10



Campanula Types



Candytuft

CANDYTUFT

Giant Hyacinth-flowered. Very large white flowered. Height 18 in. ¼ oz. 25c., oz. 75c.

Umbellata Varieties. Desirable for rock gardens, borders or beds. Bloom in about 8 weeks from sowing and should be sown at intervals of two weeks for continuous bloom. Lasts well as a cut flower. Pkt.

Albida. Pure white. ¼ oz. 25c.....\$0.10

Carmine. ¼ oz. 25c..... .10

Flesh Pink. ¼ oz. 25c..... .10

Lavender. ¼ oz. 25c..... .10

Rose Cardinal. ¼ oz. 25c..... .10

Mixture—Above Varieties. ¼ oz. 25c., oz. 75c..... .10

CANNA

Very showy foliage and brilliant flowering plants; desirable for large beds. Pkt.

Crozy's Large-flowering Dwarf Mixed. Oz. 30c.....\$0.10

CARDINAL CLIMBER. A rapid-growing annual climber, with deeply, lacinated leaves and numerous small, glowing scarlet flowers. ⅛ oz. 25c..... .15

CARNATIONS

Excellent for pots and open border culture.	Pkt.
Chabaud's Enfant de Nice. A cross between Chabaud's Giant Improved and Perpetual. The finest annual Carnation. Mixed.....	\$0.35
Giant Double Chabaud. Blooms in five months from sowing. Double fringed fragrant blooms in profusion. 1-16 oz. 50c.....	.25
Marguerite. This variety blooms in four months from sowing of seed; flowers large and fragrant. Finest Mixed. 1/8 oz. 30c.....	.10
Hardy Border. Double-flowering dwarf and compact, early flowering, valuable for cutting. Will bloom first year if sown early.	
Grenadin Mixed. Large pkt. 50c.....	.15

CELOSIA (Cockscomb)

Very showy annuals of two distinct classes— cristata , the comb varieties; plumosa , the feather sorts.	Pkt.
Cristata nana. Dwarf sorts in variety of colors. Mixed. 1/8 oz. 30c.....	\$0.10
Cristata Glasgow Prize. Dark foliage and crimson comb. 1/8 oz. 35c.....	.10
Plumosa thompsoni. Yellow plumes; fine. 1/8 oz. 25c.....	.10
Plumosa thompsoni. Crimson plumes. 1/4 oz. 25c.....	.10
Plumosa childsi (Chinese Woolflower). Large, ball-shaped scarlet flowers blooming from July until frost. Easy of culture, 1/8 oz. 35c.....	.10



Celosia plumosa childsi (Chinese Woolflower)

CENTAUREA

Double Cornflower (Bachelor Button). Well-known, old-fashioned garden annuals of easy culture, but will amply repay for care required.	Pkt.
Double Blue. Fine double blooms. 1/4 oz. 25c., oz. 75c.....	\$0.10
Double Rose. Choice selection. 1/4 oz. 25c., oz. 75c.....	.10
Double White. Very double, new. 1/4 oz. 25c., oz. 75c.....	.10
Mixed Double. 1/4 oz. 25c., oz. 50c.....	.10
Imperialis (Giant Sweet-Sultan). Large, sweet-scented flowers on long stems. in very beautiful colors and shades. Pkt.	
Brilliant Rose. 1/4 oz. 35c.....	\$0.10
Delicate Lilac. 1/4 oz. 35c.....	.10
Mixed. All colors. 1/4 oz. 25c.....	.10
Candidissima. Broad cut foliage, silvery gray.....	.10
Gymnocarpa. Fine cut. Silver foliage; drooping habit.....	.10
Montana. Hardy perennial, 2 ft. high; flowers violet-blue; July to Sept. 1/4 oz. 35c.....	.10
CERASTIUM (Snow-in-summer). Dwarf white leaves; rockery plant perennial..	.15
CHEIRANTHUS allioni (Siberian Wallflower). Dwarf hardy biennial treated as annual, flowering freely through the Summer. For early flowering sow in late Summer. Brilliant orange. 1 ft. 1/4 oz. 35c.....	.10



Centaurea imperialis (Giant Sweet-Sultan)

CHRYSANTHEMUMS

Very showy annuals; valuable for cutting.	Pkt.
Single Mixed. Annual sorts. Daisy-like flowers in attractive colors with contrasting tricolor zone. 1/4 oz. 25c.....	\$0.10
Carinatum, Double Mixed. Free-flowering annual; valuable for cutting. 1/4 oz. 25c.....	.10

CINERARIA HYBRIDA

Ornamental plants for greenhouse or conservatory. Seed should be sown from July to September. Pkt.	
Improved Dwarf Large-flowering. In excellent range of colors.....	\$0.25
Nana Multiflora. Compact growing plant with large heads of small perfect shaped beautifully colored bloom. Mixed colors.....	.50

COLEUS

Ornamental foliage plants. Pkt.	
New Hybrids, Mixed. Very choice colorings....	\$0.25

CONVOLVULUS (Morning-glory)

Rapid growing climbing annuals, producing quick cover and abundance of bloom. Height about 15 feet. Pkt.	
Major Mixed. Oz. 20c., 1/4 lb. 50c., lb. \$1.00.....	
Minor. Desirable for vases, clumps in borders or rock gardens.....	
Mauritanicus. Lavender blue.....	\$0.20
Monstrosus. Dark blue. Oz. 20c.....	.10
See Ipomoea.	

COSMOS

A hardy and rapid growing annual with feathery green foliage. Flowers have long, graceful stems and attractive for cutting. Thrives best in light soil and not too rich.	
Early Flowering Mammoth. Sow in April or May in the open ground where they are to grow and thin out but do not transplant. Pinch out tops when 2 to 3 ft. high to force plant to branch. Should bloom profusely from August until frost.....	Pkt.
White. 1/4 oz. 25c.....	.10
Rose. 1/4 oz. 25c.....	.10
New Double Crested. Extra-early-flowering. Entirely new class, producing a very double flower crested by an outer row of petals, making a very attractive appearance. A good percentage come true from seed.	
White. 1/8 oz. 75c.....	.15
Rose. 1/8 oz. 75c.....	.15
Crimson. 1/4 oz. 25c.....	.10
Finest Mixed. 1/4 oz. 25c.....	.10
Crimson. 1/8 oz. 75c.....	.15
Finest Mixed. 1/8 oz. 50c.....	.15

CLARKIA, Mixed. Free-flowering annuals of easy Pkt. culture, doing well in sun or shade; valuable for cutting. 1/2 oz. 25c.....	\$0.10
CLEOME gigantea (Giant Spiderflower). Very attractive among shrubbery. Height 3 ft. 1/4 oz. 25c.....	.10

COBAEA

Rapid-growing climbing vines with handsome, dark green foliage and bell-shaped flower; 20 ft. Pkt.	
Scandens. Blue. 1/4 oz. 25c.....	\$0.10



Cosmos



Delphinium, Exhibition Hybrids



Didiscus caeruleus
(Blue Lace Flower)



Digitalis

- COWSLIP** (*Primula Veris*). Hardy Spring flowering perennial, colors yellow, brown edged yellow, etc. Fragrant..... Pkt. \$0.15
- CYCLAMEN persicum giganteum**. Excellent for pot plants; foliage is very beautiful. **Mixed Colors**..... .25
- CYNOGLOSSUM amabile** (Chinese Forget-me-not). Annual of easiest culture, producing through the Summer sprays of delicately scented intense blue flowers. ¼ oz. 35c..... .10
- CYPRESS VINE**. Climbing annual of great beauty; foliage is extremely attractive. **Finest Mixed**. ¼ oz. 25c..... .10
- DAISY, Shasta** (Alaska). Hardy perennial, blooming abundantly the first year from seed. Flowers large pure white with yellow center. ⅛ oz. 25c..... .10

DAHLIA

- Half-hardy perennials of value for cutting. Blooms first season from seed sown in March or April Pkt.
- Decorative and Cactus**. Seed saved from a collection of the newer varieties of the two types..... \$0.25
- Coltness Hybrids**. New dwarf single bedding sort of merit. Plants compact, about 18 in. high, blooming in continuous succession from July to frost.... .25

DELPHINIUM (*Hardy Larkspur*)

- One of the most desirable hardy perennials. Flowers produced on long spikes in shadings of white and blue. Pkt.
- Chinensis, White**. ⅛ oz. 25c..... \$0.10
- Exhibition Hybrids**. Produced from the choicest named varieties secured from the world's noted specialists, embracing all shades known to Delphiniums. Strong, vigorous habit and large spikes, both single and double flowering. **Light Blue Shades, Mid Blue Shades, Deep Blue Shades, Pastel Shades**. Each pkt. 25c., large pkt. 50c. **Exhibition Mixture**. ⅛ oz. 50c..... .25
- Hollyhock Strain** (Wrexham type). The graceful spire-shaped spikes of enormous size and beauty of form is rapidly bringing this strain to the front as the greatest advance in Delphiniums. Mixture, double and single. 1/16 oz. 75c. .35
- New Annual (Chinensis) Cambridge Blue**. Clear blue surpassing Belladonna brilliancy; 2 to 3 ft. high and should make a fine cut flower. ⅛ oz. 50c. .25

DIANTHUS

- Excellent plants for beds and borders. Flowers cover a wide range of colors and are very fragrant. Pkt.
- Chinensis, Fine Mixed** (China Pink). Double-flowering popular sort. ¼ oz. 25c. \$0.10
- Heddewigi fl. pl.** Double-flowering Japan Pinks..... .10
- Heddewigi Single Mixed**. Splendid large flowering..... .10
- Plumarius**. Double-flowering, hardy garden or June Pink. ⅛ oz. 35c..... .15
- Plumarius semperflorens** (Everblooming Hardy Garden Pink). Sweet scented double, semi-double and single flowers. Very beautiful. ⅛ oz. 35c.. .15
- Deltoides**. Rock garden pink. Rose-tinted magenta. 8 inches. ⅛ oz. 35c.. .15
- Sweet Wivelsfield**. A new hardy annual for borders or cut flower..... .25

DIDISCUS

- Caeruleus** (Blue Lace Flower). Easily grown garden annual, popular for cut flowers. Plants 2 ft. high, umbel-shaped bloom, heavenly blue. ⅛ oz. 35c.. Pkt. \$0.15

DIGITALIS

- Desirable plants for backgrounds, borders and among shrubbery. Handsome, spotted flowers. Pkt.

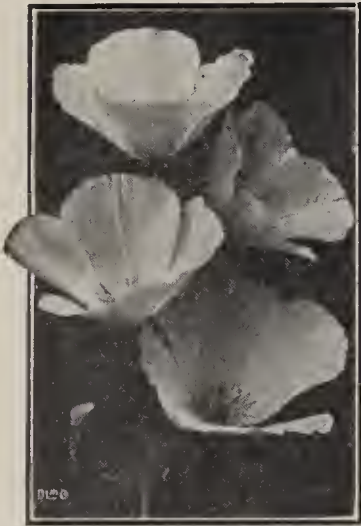
- Alba**. Pure white. ⅛ oz. 35c..... \$0.10
- Rosea**. Rose color. ⅛ oz. 35c..... .10
- Yellow**. ⅛ oz. 35c..... .10
- Mixed**. ¼ oz. 35c..... .10
- Giant Shirley**. Plant vigorous. 5 to 7 ft. high. A magnificent strain. ⅛ oz. 50c..... .15

- DIMORPHOTHECA** (African Daisy) **aurantiaca hybrida**. New Hybrids of African Daisy. Annual free-blooming in many colors, white to red and blush, sulphur, lemon, orange, etc. ¼ oz. 50c..... .10
- Aurantiaca**. Orange only. ¼ oz. 50c..... .10



Dimorphotheca
(African Daisy)

- DOLICHOS lablab, Mixed** (Hyacinth-bean). Climbers. Oz. 25c..... .10
- DRACAENA indivisa**. Decorative plant with long, narrow green leaves..... .10
- ECHINOCYSTIS lobata** (Wild Cucumber). A very rapid growing annual climber. Oz. 25c..... .10
- ECHINOPS ritro** (Globe Thistle). Thistle-like foliage. Steel blue flowers in round heads, good backing for hardy border. ¼ oz. 25c..... .10



Eschscholtzia

ESCHSCHOLTZIA (California-poppy)

There have been many new shades produced in the last few years which add very much to the beauty of these profuse blooming hardy annuals. Poppy-like blooms June until frost.

Aurantiaca. Rich orange, true California Poppy. 1/4 oz. 25c\$0.10

New Large-flowering Hybrids.
Mixed. Erect type containing a large per cent of new colors including soft pink, scarlet, chrome, copper-red, claret, royal purple. 1/8 oz. 35c..... .15
Bush (Hunnemannia). Bright yellow on long stems, excellent for cutting, hardy annual. 2 ft. 1/4 oz. 25c..... .10

EUPHORBIA

Very pretty, quick growing annuals. Very attractive arranged with annual flowers or in vases alone. Keep a long time cut.

Variegata. White and green foliage. 1/4 oz. 25c.....\$0.10

GAILLARDIA

Showy bedding and border plants blooming the first season from seed and among the gayest blooms in the garden in Summer and Autumn. Combinations of yellow and red predominate; flowers 2 inches or more in diameter on long stems. Desirable for cutting.

Indian Chief. Dark brown center with glittering bronzy red petals. Annual ...\$0.15
Lorenziana, Mixed. Superb annual sort. 1/4 oz. 25c..... .10



Gourds

Grandiflora, Mixed. Perennials of great beauty. 1/4 oz. 35c..... .10

The Dazzler. Intense maroon red and golden yellow. Large pkt. 35c..... .15

GERANIUM, Finest Mixed...... .10

GEUM, Mrs. Bradshaw. Double orange scarlet, flowers entire Summer. 1/8 oz. 25c..... .15

Lady Stratheden. Golden yellow double flowering, new. 1/16 oz. 75c..... .15

GLOXINIA erecta, Mixed. Splendid pot plants..... .25

GLOBE-AMARANTH, Mixed. Showy, everlasting..... .10



Euphorbia variegata

GOURDS, ORNAMENTAL

Calabash or Pipe (Large) **Dishcloth (Large)**

The following list are all small:

Apple **Orange**
Bottle **Egg-shaped White**
Pear Bicolor **Warted All Shapes**
Pear Striped **Small Varieties Mixed**

All above. Pkt. 10c., oz. 30c.

GYPHOPHILA

Paniculata. Perennial; fine, feathery white flow- Pkt.
ers. Much used in mixed bouquets and dried for
use with dried everlastings. 1/4 oz. 25c.....\$0.10

Repens. Dwarf trailing perennial with tiny white
flowers for rockery. Large pkg. 35c..... .10

Paniculata, Double Snow White. Valuable hardy
perennial of recent introduction. 3 to 3 1/2 ft.
high. Very attractive when cut, lasting a long time .25

Elegans grandiflora alba. Large flowering, pure
white. Sowings should be made at intervals of two
weeks to insure continuous bloom. Hardy annual.
Oz. 25c. 1/4 lb. 75c..... .10



Gypsophila Elegans

GODETIA. Free-flowering annuals for beds and Pkt.
borders. 1/4 oz. 25c.....\$0.10

HELIANTHUS (Sunflower)

Hardy annuals; flowers attractive. Pkt.

Annus purpurea (Red Sunflower). Some flow-
ers chestnut-red, others tipped yellow, others
washed with red. 1/4 oz. 25c.....\$0.10

Californicus. Large, double, orange color. 1/2 oz.
25c..... .10

Miniature Sunflowers. Single, abundant bloom-
ers. 3 ft.

Cucumerifolius. Yellow. 1/4 oz. 25c..... .10

Orion. Yellow. Twisted petals. 1/4 oz. 25c..... .10

Purpureus. Terra cotta, old rose shades. 1/4 oz.
25c..... .10

Globosus fistulosus. Double, globe-shaped;
height 6 ft..... .10

Mammoth Russian. Immense single yellow
flowers; height 6 to 8 ft. oz. 10c.

HELICHRYSUM (Strawflower)

One of the best everlastings, making fine display in the border or dried for
Winter bouquets. For Winter use cut when only partly open, take off all foliage,
tie in bunches and hang head down in dark place to dry. Sow seed early in
Spring and transplant or thin to 12 inches apart. Pkt.

Mixed Colors. 1/4 oz. 25c.....\$0.10

HELIOTROPE, Finest Mixed. Popular for pots or bedding..... .10

HEUCHERA sanguinea (Coral Bells). Perennial flowers, bright coral
red, leaves light green, excellent for cutting. 30 inch.25

HIBISCUS, Giant-flowering. Improved form of native Mallow with
flowers often 8 to 10 in. in diameter. Height, 5 to 8 ft., blooming
freely from July until frost. Colors, red, pink, white.

Mixed. All colors. 1/4 oz. 25c..... .10

HUMULUS

Quick-growing annual climbers for covering arbors, etc., the first season
from seed. Pkt.

Japonicus. Green foliage. 1/2 oz. 25c.....\$0.10

Japonicus variegatus. Variegated green and white..... .10



Hollyhock



Larkspur, Annual



Lupinus (Lupine)

HOLLYHOCK

Very ornamental perennials, attractive in mixed borders, making an attractive background. Flowers about 3 inches across set as rosettes around strong-growing stalks. Seed sown in May or June make fine blooming plants the following season.


Chaters Double Prize Strain.

Pure White	Deep Rose	Sulphur Yellow	Pkt.
Newport Pink	Scarlet	Salmon	
Chaters Double Mixed.	Above, each, 1/8 oz. 35c.....		\$0.10
Single Mixed.	All colors. 1/4 oz. 25c.....		.10
HONESTY. Biennial treated as annual. Admired for its silvery seed pouches....			
ICE PLANT. Trailing plants for rockeries, baskets, etc.....			
IMPATIENS Sultana (Sultans-balsam). Beautiful decorative plants.....			
IPOMOEIA Grandiflora (Moonflower). Rapid climbers with large, white flowers.			
Imperial Japanese Morning-glory. Very attractive, rapid climbers . Oz. 25c..			
Ipomoea Rose Marie. Early free flowering Ipomoea. Flowers deep rose double and semi-double. Will probably rival Heavenly Blue.....			
Ipomoea rubra caerulea (Heavenly Blue). Early flowering; immense flowers, bright sky blue. 1/4 oz. 35c.....			
KOCHIA Childsi (Summer-cypress, Burningbush). An easily grown annual, 3 ft. high. Makes an excellent hedge or fine specimen. Compact, pyramidal growth, light green turning to blood-red early in Autumn. 1/4 oz. 25c.....			
KUDZU VINE. Perennial vine, rosy-purple, pea-shaped flowers. 1/2 oz. 25c.....			
LANTANA Hybrida, Mixed. Rapid-growing, small, bushy shrubs.....			


ANNUAL LARKSPUR

This well known garden annual has been wonderfully improved in the last few years by selection for size of bloom and color as well as general habit of plant. Seeds sown early in house or hotbed produce strong plants ready for open ground in May or seeds sown in open ground in April will bloom profusely from July to frost. 3 feet.

Giant Imperial (New). The following are of the Improved upright Delphiniumlike habit and superior to the older type of annual Larkspurs.	Pkt.
Blue Spire. Deep Oxford blue. $\frac{1}{8}$ oz. 35c.....	\$0.15
Exquisite Pink Improved. Soft pink shaded salmon. $\frac{1}{8}$ oz. 35c.....	.15
Exquisite Rose. Rose pink. $\frac{1}{8}$ oz. 35c.....	.15
Lilac Spire. Clear lilac. $\frac{1}{8}$ oz. 35c.....	.15
Miss California. Deep pink shaded salmon. $\frac{1}{8}$ oz. 35c.....	.15
White Spire. Dazzling pure white. $\frac{1}{8}$ oz. 35c..	.15
Giant Imperial Mixed. Including all the above varieties. $\frac{1}{8}$ oz. 25c.....	.10
LATHYRUS latifolius (Perennial Pea).	
Mixed. Climbers. $\frac{1}{4}$ oz. 25c.....	.10
LAVATERA (Summer Mallow). A very showy annual; the leaves are large and downy and effective in the border. The cup shaped flowers 2 to 3 in. in diameter form in the axils of the upper leaves and are produced profusely; long keeping as a cut flower. Useful sown late to fill in after Spring flowers. $\frac{1}{4}$ oz. 35c.....	
Splendens (Sunset) Rosy Carmine. $\frac{1}{4}$ oz. 35c.	.10
Mixed colors. $\frac{1}{4}$ oz. 35c.....	.10
LINUM (Flax). Annuals of graceful habit.	
Grandiflora rubrum. Dark red. $\frac{1}{4}$ oz. 25c...	.10
Grandiflorum caeruleum. Blue. $\frac{1}{4}$ oz. 25c.	.10
Perenne (Perennial Flax). Blue. $\frac{1}{4}$ oz. 25c..	.10
LOBELIA. Graceful plants for vases, edgings, etc.	
Sapphire. A very strong growing variety, dark blue with white eye; suitable for piazza boxes and hanging pots. Large pkt. 35c.....	.15
Gracilis. Trailing sort. Light blue.....	.10
Crystal Palace Compacta. Erect sort, dark blue	.10
LINARIA cymbalaria (Kenilworth-ivy). Trailing plant for vases, etc.....	
Maroccana, Excelsior Hybrids. Easily grown annual adapted to borders or rockery, bearing small spikes like miniature Snapdragons, yellow, crimson, pink purple, etc. $\frac{1}{4}$ oz. 40c..	.15



Lavatera (Summer Mallow)





Lavatera (Summer Mallow)



Honesty

LUPINUS (Lupine)

Annual sorts. Easily grown, free flowering annuals with graceful spikes of various colored, pea shaped flowers suitable for beds, borders and cutting. Do best in partial shade. Pkt.

White. ½ oz. 25c.	\$0.10	Dark Blue. ½ oz. 25c.	\$0.10
Rose. ½ oz. 25c..	.10	Sky Blue. ½ oz. 25c..	.10
Annual Mixed. All colors. Oz. 30c.....		.10	

Polyphyllus (Perennial Sorts). Hardy perennials blooming in May and June. Will thrive in any good garden soil. Pkt.

Blue. 1/4 oz. 25c.....	Rose. 1/4 oz. 35c.....	.15
White. 1/4 oz. 25c.....	Finest Mixed. 1/2 oz. 25c.	.10

LYCHNIS Chalcedonica (London Pride). Bright scarlet, 2 to 3 ft. high, Hardy perennial.....

MATRICARIA Capensis (Double White Feverfew). Fine bedding plant, producing attractive double white flowers in abundance the entire season. 1/4 oz. 25c.

Golden Ball. Compact bushy plant, covered with double bright yellow blooms. .25

MARIGOLD

Old-fashioned hardy annuals of easy cultivation; the African type are mostly tall growing, making excellent large beds or mass planting, also attractive in mixed borders. French varieties are mostly dwarf, making attractive borders. Seed may be sown in open ground in April and satisfactory results obtained. Sown in house or hotbed in March and transplanted before planting out in May, will produce more satisfactory blooming period.

AFRICAN DOUBLE		Pkt.
African All Double. These new Marigolds will produce nearly 100 per cent double flowers. Orange or lemon. 1/8 oz. 35c.....		\$0.15
African Tall, Mixed. Large flowering, orange and lemon shades. 1/4 oz. 25c....		.10
Guinea Gold. A distinct type of graceful, pyramidal growth, 2 to 2 1/2 ft. high, flowers 2 to 2 1/2 in. in diameter; brilliant orange and double ruffled loose petals. Desirable as a cut flower. The usual Marigold fragrance is largely eliminated. 1/8 oz. 35c.....		.15
FRENCH DOUBLE FLOWERING DWARF		
Monarch Strain. This selection covers the best of the dwarf, compact, large light double flowers. 1/8 oz. 25c.....		.15
Gold Striped. Brown and golden yellow. 1/4 oz. 25c.....		.10
Golden Ball. Very compact, large golden yellow. 1/4 oz. 25c.....		.10
Pallida. Dwarf, compact, pale sulphur yellow. 1/4 oz. 25c.....		.10
Mixed. Golden and maroon sorts. 1/4 oz. 25c., oz. 75c.....		.10
FRENCH SINGLE FLOWERING DWARF		
Fire Cross. Saffron orange, brown center. 1/4 oz. 25c., oz. 75c.....		.10
Legion of Honor. Single. Golden yellow with purple 1/4 oz. 25c., oz. 75c.....		.10
Silver King. Pale yellow, maroon base. 1/4 oz. 25c., oz. 75c.....		.10
Border of Gold (Tagetes signata pumila). Single bright orange flowers completely covering the plant, fernlike foliage. Height 12 to 15 in. Fine for edging. 1/8 oz. 25c.....		.10
MARVEL OF PERU (Four-o'clock). Favorite old-fashioned flowers, bushy habit, bearing hundreds of pink, white, yellow, crimson and violet flowers. Oz. 25c.....	Pkt.	\$0.10



Marigold

MIGNONETTE

Well-known hardy annual producing very fragrant, cone shaped flowers. Sow in open ground as soon as danger of frost is over, well pulverized sandy loam is best. Thrives best in cool temperature.

	Pkt.
Grandiflora. Large flowering. Oz. 25c.....	\$0.10
Machet. The best Mignonette for all purposes, indoor or outside. 1/4 oz. 25c.....	.10
MIMULUS moschatus (Muskplant). Yellow, sweet scented.....	.10
MIMOSA pudica (Sensitive plant).....	.10

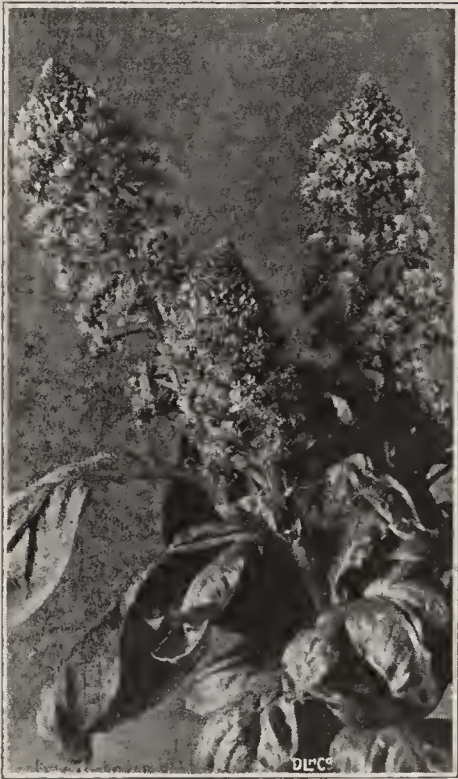
MYOSOTIS (Forget-me-not)

	Pkt.
Charming, half hardy perennials, producing small blue flowers.	
Alpestris Victoria. Stout, bushy habit. 1/2 oz. 35c.....	\$0.10
Palustris (True Marsh Forget-me-not). Blue with white eye. 1/2 oz. 50c.....	.15
Chinese Forget-me-not. See Cynoglossum amabile.	

NASTURTIUMS, DWARF

For Summer flower beds nothing can surpass them; plants form perfect mounds about 1 foot high by 1 foot across. Seed sown in open ground early in Spring produces blooming plants in early Summer and continues until frost.

	Oz.	Pkt.
Aurora. Salmon and pink.....	\$0.25	\$0.10
Empress of India. Crimson, dark leaves.....	.25	.10
Golden King. Golden yellow.....	.25	.10
King of Tom Thumbs. Scarlet.....	.25	.10
King Theodore. Dark maroon.....	.25	.10
Prince Henry. Light yellow.....	.25	.10
Ruby King. Rose shaded.....	.25	.10
Vesuvius. Salmon rose.....	.25	.10
Mixed, extra quality of named varieties. 1/4 lb. 50c., lb. \$1.50..	.20	.10



Mignonette

NASTURTIUMS, TALL or CLIMBING

For covering trellis, fences, rockeries, etc., or trailing from vases, they are unexcelled: of easy culture and rapid growth; 12 to 15 feet high.

	Oz.	Pkt.
Dunnett's. Orange (Sun-light).....	\$0.25	\$0.10
Jupiter. Giant-flowering, yellow.....	.25	.10
Mixed. Extra quality, of named varieties. 1/4 lb. 50c., lb. \$1.50.....	.20	.10
King Theodore. Maroon.....	\$0.25	\$0.10
Prince Henry. Cream spotted; tipped red.....	.25	.10
Schultzi. Scarlet.....	.25	.10
Vesuvius. Salmon-rose....	.25	.10

NEW DOUBLE SWEET SCENTED NASTURTIUM GOLDEN GLEAM. The leading novelty of the season. Oz. 40c., 1/2 oz. 25c.....		.15
NEMESIA strumosa suttoni. Splendid annual with large flowers, varying in color from creamy white to orange and carmine. Fine for bedding, doing best in a cool location. Orange or Mixed Colors. 1-16 oz. 75c.....		.15
NEMOPHILA (Baby Blue Eyes or Blue Bells). Low-growing annuals of easy culture, producing an abundance of bright, bell-shaped flowers all Summer. Blue. 1/4 oz. 25c.....	Pkt., \$0.10	
Nicotiana Affinis. A species of tobacco, very decorative. 1/4 oz. 25c.....		.10
Nicotiana Affinis. Mixed. 1/4 oz. 25c.....		.10
Sanderae. Hybrids, free-flowering, in variety of color. Height 2 ft. 1/4 oz. 25c..		.10
NIGELLA Miss Jekyll. Easily grown annual. Double, bright blue, excellent for cutting. 1/2 oz. 25c.....		.10



Nasturtium, Tall



Pansy



Phlox



Portulaca

POLYANTHUS. Popular hardy perennial. Finest named sorts, mixed. $\frac{1}{8}$ oz. 50c., pkt. 15c.



Portland Petunias

PANSIES

Seed should be sown in July and August for early Spring blooming, or if sown in May will make excellent plants for late blooming. Pkt.

Pino's Special Mixture. In this mixture we offer all the choice fancy sorts and we believe nothing better can be procured. $\frac{1}{16}$ oz. 50c. \$0.25

Swiss Giants. A new strain. Very large flowering, containing many unusual colors—pink, red, yellow, blue, all blotched. Large pkt. 75c. .35

Trimardeau Giant. The largest and more robust in growth. Pkt.

Adonis, bright blue. Pkt.

White. $\frac{1}{8}$ oz. 50c. \$0.15

Yellow. $\frac{1}{8}$ oz. 50c. .15

Mixed. $\frac{1}{8}$ oz. 40c. .15

Tufted Pansies. Very free blooming Pansies adapted to shady places. Small flowering. Seed should be sown in early May or August.

Apricot. One of the best Violas, rich apricot yellow, tinged orange; large, free bloomer. .25

Admiration. Dark blue. $\frac{1}{8}$ oz. 50c. .15

Lutea splendens. Yellow. $\frac{1}{8}$ oz. 50c. .15

Mauve Queen. Mauve. $\frac{1}{8}$ oz. 50c. .15

Papilio. Light blue, white spotted. $\frac{1}{8}$ oz. 50c. .15

Purple. $\frac{1}{8}$ oz. 50c. .15

White Perfection. Pure white. $\frac{1}{8}$ oz. 50c. .15

Finest Mixed. All colors. $\frac{1}{8}$ oz. 40c. .15

Emperor William, blue. Pkt. \$0.15

Lord Beaconsfield, purple-violet. $\frac{1}{8}$ oz. 50c. .15

Mme. Perret. Wine shades. $\frac{1}{8}$ oz. 50c. .15

PETUNIAS

General favorites of easy cultivation, blooming continuously from early Summer till frost. Favorite for massing in beds and bordering walks and drives; also used in vases and window boxes. Pkt.

Large-flowering Special Formulae. This mixture is selected for size and brilliancy of color, more desirable than the fine mixture for bedding. $\frac{1}{8}$ oz. 35c. \$0.15

Finest Mixed. Single bedding sort. $\frac{1}{4}$ oz. 35c. .10

Rosy Morn. Clear pink, white throat; compact, a constant bloomer. $\frac{1}{8}$ oz. 50c. .15

Violacea. Compact, free-flowering. Steel blue or deep violet. $\frac{1}{8}$ oz. 50c. .15

Snowball. Compact, free-flowering. Pure white. $\frac{1}{8}$ oz. 50c. .15

Silver Blue. Light blue. $\frac{1}{8}$ oz. 35c. .15

Nana Erecta. Mixed. Comprising all the dwarf compact sorts. $\frac{1}{8}$ oz. 35c. .15

Dwarf Striped and Blotched. Excellent for vases. .10

California Ruffled Giants. Extremely large flowers with ruffled edges; exquisite colorings and markings. .25

Double Mixed. Extra quality producing a good percentage of double flowers. .25

PORTLAND PETUNIAS. A new type adapted to planting in veranda boxes or bedding where the unusual is wanted.

Elks Pride. Deep royal purple, large size, plain edge. .25

Pride of Portland. Large, deep rose pink with whitish yellow throat; fringed. .25

PENTSTEMON (Beardtongue). Perennial plant producing large spikes of handsome, tubular flowers in almost every shade and color. Large flowering hybrids. **Mixed.** $\frac{1}{8}$ oz. 35c. .10

PERILLA nankinensis. Splendid foliage. $\frac{1}{4}$ oz. 25c. .10

PHYSALIS francheti (Chinese Lanternplant). An attractive plant, forming red, lantern-like pods retaining their color for months; excellent Winter decorations. $\frac{1}{8}$ oz. 25c. .10

PLATYCODON grandiflora. Hardy perennial, bright blue, bell-shaped flowers. 2 ft. .10

PHLOX DRUMMONDI

Hardy, bush-like annuals with many clusters of brilliantly colored flowers. Attractive in clumps and massed beds and desirable for combining in mixed bouquets. Pkt.

Grandiflora alba. Pure white. $\frac{1}{4}$ oz. 50c. \$0.10

Coccinea. Brilliant scarlet. $\frac{1}{4}$ oz. 50c. .10

Chamois Rose. Deep salmon-rose. $\frac{1}{4}$ oz. 50c. .10

Isabella. Light yellow. $\frac{1}{4}$ oz. 50c. .10

Rosea. Bright rose. $\frac{1}{4}$ oz. 50c. .10

Violacea. Purple-violet, white eye. $\frac{1}{4}$ oz. 50c. .10

Grandiflora Mixed, Choice Large-flowering Sorts. $\frac{1}{4}$ oz. 35c. .10

Drummondii, Dwarf or Compact. Grow very symmetrical in neat little bushes, 6 to 8 inches high and covered with flowers during the entire season. Excellent for beds, borders or clumps in the rock garden. Easily grown.

Cecily Mixed. Large flowering compact in many shades and colors. $\frac{1}{4}$ oz. 50c. .10

Cuspidata. Splendid star-shaped varieties. .10

Decussata Mixed. Perennial sorts. $\frac{1}{8}$ oz. 35c. .10

PORTULACA

Very brilliant, dwarf annuals, suitable for warm, dry situations. Should not be sown until hot weather. Pkt.

Single, Fine Mixed. $\frac{1}{4}$ oz. 25c., oz. 75c. \$0.10

Single, Pure White. $\frac{1}{4}$ oz. 30c. .10

Single, Golden Yellow. $\frac{1}{4}$ oz. 30c. .10

Single, Flesh. $\frac{1}{4}$ oz. 30c. .10

Single, Scarlet. $\frac{1}{4}$ oz. 30c. .10

Double, Choice Mixed. $\frac{1}{8}$ oz. 35c. .10

POPPIES

Splendid plants for borders, etc., producing a profusion of bloom throughout the Summer. Flowers are remarkable for large size, delicacy of tissue, and brilliancy of dazzling colors. Keep blooms cut regularly for long blooming season. Pkt

- Carnation-flowered. Splendid double-fringed varieties. Mixed. Oz. 25c.\$0.10
- Peony-flowered, Mixed. Double varieties. Oz. 25c..... .10
- American Legion. Single, brilliant orange scarlet, yellow anthers. ¼ oz. 25c..... .10
- Wild Rose. Rich rose, comes quite true from seed. ¼ oz. 25c..... .10
- Shirley, Single Mixed. Very dainty colored, with rich satin appearance. Graceful in habit, with bright green, fern-like foliage. Flowers, white, yellow and orange, borne on slender wire-like stems, 12 inches high. ½ oz. 30c..... .10
- Iceland, Mixed. Hardy perennial, blooming first season from seed. ¼ oz. 35c..... .10
- Iceland Sunbeam. A new race with longer stems and larger flowers, flowering May to Oct. ⅛ oz. 25c..... .10
- Coonara. Salmon shades. ⅛ oz. 35c..... .10
- Oriente. Enormous deep scarlet flowers. Perfectly hardy. ⅛ oz. 35c.. .10
- Oriente Hybrids, Mixed. Hardy perennial. Finest shades. ⅛ oz. 35c. .10

- PRIMULA Sinensis (Chinese Primrose). Excellent pot plants for Winter decorations.
- Choice Fringed, Mixed..... .25
 - Obconica. A profuse-blooming Primrose with pale lilac flowers..... .15
 - Malacoides. Flowers delicate lavender, borne in whorls on tall, delicate stems. Desirable for pot..... .15

PYRETHRUM

- Aureum (Golden-feather). Golden-leaved plant for edging. ¼ oz. 20c.....\$0.10
- Hybridum grandiflorum. Flowers large, Aster-shaped, colors pink to deep red with bright yellow centers. Bloom in May and June, very graceful long lasting cut flowers. Hardy Perennial 2 ft.
- Giant-flowered Single Mixed. ⅛ oz. 50c..... .15
- Choice Double Mixed. 1/16 oz. 75c..... .25

RICINUS (Castor-bean)

- Highly ornamental plants; excellent for large groups. Pkt.
- Gibsoni. Dark purple stems and foliage. Oz. 25c.....\$0.10
- Sanguineus. Blood-red foliage. 6 ft. Oz. 25c..... .10
- Zanzibarensis, Mixed. Very large growing sort, extremely attractive. Oz. 25c..... .10

- ROCKET, SWEET. Hardy perennial. For planting among shrubbery or in permanent borders; fragrant; 2 to 3 ft. high; purple or white, or mixed. ¼ oz. 25c..... .10

- RHODANTHE. A charming annual everlasting. Valuable dried for Winter bouquets. Mixed. ¼ oz. 25c..... .10

SALVIA (Scarlet Sage)

- One of the most popular and useful bedding plants; nothing more attractive in the Fall than these bright scarlet flowers. Seed should be started in house or hotbed from February to April or may be sown in open ground in May. Easily grown, free-flowering and extremely showy. Pkt.
- Bonfire. Early-flowering scarlet; 1½ ft. ⅛ oz. 40c..... \$0 10
- Patens. Rich deep blue..... .15
- Farinacea. Perennial. Blooming first season from seed. Produces long, blue spikes..... .15

SALPIGLOSSIS

- One of the most attractive annuals. Blooms tube-shaped, much like the Petunia, but more beautiful in color display: 2½ feet. Pkt.
- Emperor, Finest Mixed. ⅛ oz. 25c.....\$0.10
- SAPONARIA Vaccaria. Free blooming annual with feathery pink flowers. Sowings should be made at intervals to keep up succession of bloom; 3 ft. ¼ oz. 25c..... .10

LARGE FLOWERING ANNUAL SCABIOSA

(Mourning Bride—Pincushion Flower)

Seed may be sown where they are to grow soon as ground can be worked in Spring or for earlier blooming sow early and transplant 12 to 18 inches apart. Height 2½ ft., stems long and graceful and keeps well when cut.

- | | |
|-------------------------------|-------------------------|
| Ageratum Blue | Fire King, rosy crimson |
| King of Blacks, reddish black | Shasta, pure white |
| Peach Blossom, pink | Sulphur Yellow |
- Each above, ⅛ oz. 25c.....\$0.10
- Loveliness. New. Salmon rose. ⅛ oz. 35c..... .15
- Choice Mixed. ¼ oz. 25c..... .10
- Hardy Perennial Scabiosa Caucasica. One of the best hardy perennials, color soft lavender-blue, desirable for cutting. Lasting a long time in water. ⅛ oz. 50c..... .15
- New Giant Hybrids (Isaac House Strain). Improvement on Caucasica; longer and stouter stems and larger bloom. Outer edges ruffled, colors range from light lavender to dark blue. 1/16 oz. 50c..... .25



Poppies orientalis



Iceland Poppies



Salpiglossis



Scabiosa

SCHIZANTHUS (Butterflyflower)

One of our best hardy annuals, of easy culture in any good garden soil, bearing a profusion of butterflylike flowers of various colors; resembling some species of Orchids. Are also adapted for late Winter and should be planted in Fall for this purpose. Pkt.

Grandiflora hybrida, Mixed. Compact plants with many colored blooms. 1/8 oz. 25c. \$0.10

Wisetonensis. A showy variety used largely for pot plants. 1/8 oz. 35c. .15

SMILAX. Beautiful climber. .10

SOLANUM (Cleveland-cherry). More compact than the ordinary Jerusalem cherry and produces the scarlet fruits in greater profusion. 1/4 oz. 25c. .10



Sweet-William

STOCKS

Often called Gilliflower, unexcelled for beauty and fragrance. Given good, rich soil they will produce full spikes of double blooms; valuable for cutting. Seed may be sown outdoors early in Spring; using well fertilized, well pulverized soil, covering seed 1/4 in. and press down firmly. Make rows 18 in. apart, thin to 6 in. For earlier blooming sow indoors in March or April, transplant to open ground last of May.



Schizanthus

EXTRA EARLY FLORISTS MARKET

Branching habit, 2 to 2 1/2 feet, early blooming and produces a high percentage of double blooms. Considered the most desirable variety for greenhouse or conservatory, unexcelled for bedding. Pkt.

Pure White \$0.20	Blush (Appleblossom) \$0.20	Canary Yellow \$0.20
Rose20	Lavender20	Finest Mixed, 1-16
Dark Blue20	Fiery Blood Red20	oz. 75c.20

LARGE FLOWERING, DWARF GERMAN Pkt.

Finest Mixed. An excellent mixture made from named varieties, specially selected for their brilliancy. Produces pyramidal spikes with a good percentage of double. 1/8 oz. 75c.; large pkt. 50c. \$0.10

EARLY, LARGE FLOWERING NICE

One of the most desirable types. Flower trusses long and very double. Pkt.

Beauty of Nice. Flesh pink. \$0.15

Victoria. Pure white.15

Queen Alexandra. Rosy lilac.15

GIANT PERFECTION (Cut-and-come-again) Pkt.

Rose \$0.15

Empress Augusta Victoria. Silvery lilac.15

Princess Alice. White.15

STATICE (Thrift)

Free flowering, valuable cut flower either fresh or dried. Pkt.

Sinuata rosea superba. 1/4 oz. 25c. \$0.10

Sinuata, True Blue. Extra deep. 1/4 oz. 25c.10

Latifolia. Perennial for border or rockery. Purplish blue flowers, may be used for Winter dried flowers. 1/4 oz. 25c.10

STOKESIA (Cornflower Aster). Hardy perennial, about 2 ft. high with handsome lavender blue, Cornflowerlike blooms from July till frost. Makes a fine specimen in the border; valuable as a cut bloom.10



Verbena grandiflora

TROPAEOLUM canariensis (Canary-bird Flower). A rapid growing half hardy climber. Foliage profuse green, and the curiously-formed yellow flowers producing a charming contrast. Desirable for shady locations. 1/2 oz. 25c., pkt. 10c.

VERBENA GRANDIFLORA

A magnificent new strain of robust, compact habit and free blooming. For early blooming, sow indoors and transplant to open ground in May. Seed sown in open ground in April or May make bloom from August until hard freezing weather. Pkt.

Blue. White eye. \$0.20

Luminous. Flame pink shading to salmon.20

Lucifer. Vivid scarlet.20

White. Immense size.20

Hybrida grandiflora. New mixed. 1/8 oz. 50c.15

Lemon Scented. Fragrant leaves.10



Tritoma, Early Hybrids

THUNBERGIA (Black-eyed-susan). Rapid growing annual climbers adapted to hot, sunny situation in hanging baskets, vases, etc. Flowers buff, white, orange with black eye. 1/4 oz. 25c.10

TORENIA fournieri. A very fine annual for vases, hanging baskets, borders, etc. covered with a mass of sky blue flower spotted dark blue; yellow center. .15

TRITOMA (Red Hot Poker). Early flowering hybrids. Sown early will bloom first season from seed. .15



Sweet Peas

The proper time to spade the garden for Sweet Peas is in the Fall, as the longer the soil remains in the rough state the better. Give a liberal dressing of well-rotted stable manure, ground bone and a dusting of lime. Spade to a depth of 6 or 8 inches and allow soil to remain in the rough without chopping down. When sowing seed, see that the soil is firmly trodden down, as Sweet Peas require not only a deep soil but a firm one. Seed should always be sown early in Spring 1 inch deep, and when plants are well up thin to 2 to 4 inches apart. Pinch out tops to start branching. Support should be given early before plants get twisted. When hot, dry weather begins, see that the plants are well mulched and well watered. Look out for green aphids and keep clean by spraying with solution of tobacco extract. Care must be taken to keep flowers picked, as the forming of seed pods will stop blooming.

GIANT SPENCER—Waved Varieties

Spencer Sweet Peas are the largest and most beautiful of all known Sweet Peas, the individual flowers measuring frequently 2 to 2½ inches across; they are also remarkable for their profuseness and continuous bloom. On strong stems 9 to 12 inches long, the beautiful flowers are borne three to four on a stem. The standards are open, well rounded and exquisitely waved and often serrated.

Pkt. 10c., oz. 25c., ¼ lb. 75c.

Blanche Ferry Spencer. Bright rose standard, wings white, flushed pink.

Calne Valley, Lavender blue.

Constance Hinton. Black seeded white Spencer, splendid form and substance.

Countess of Spencer. Pure pink, very large, open form.

Daffodil Deep cream black seeded.

Elfrida Pearson. Large shell-pink.

Hercules. Mammoth rosy-pink.

King White. Produces gigantic flowers pure white.

R. F. Felton. Rosy lavender.

Royal Sovereign. Orange.

Royal Purple. The best purple.

Warrior. Deep maroon.

Collection, 1 pkt. each 12 named varieties, \$1.00

GIANT SPENCER MIXTURE

Well selected mixture containing only true Spencer types. We can recommend this as a superior mixture containing all the worth while novelties of recent years.

Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.50

EARLY FLOWERING GIANT SPENCER

Greenhouse Varieties

Pkt. 10c., ½ oz. 50c., oz. 75c., ¼ lb. \$2.50

The following are specially adapted to growing under glass but may also be grown in the open and bloom several weeks in advance of the regular Spencer sorts, and if not allowed to seed will continue equally as long.

Blue Bonnet. Clear blue.

Imperial Pink. Deep blue.

Sunray Cerise. Cream ground.

Sweet Lavender. Pure lavender.

Valencia. Sunproof orange.

White Harmony.

Zvolanek's Giant Rose.

VERONICA (Speedwell). A hardy border plant, growing about 1½ ft. high, producing long spikes of bright blue flowers in June and July.

Spicata. Bright blue. 18 in. ⅓ oz. 35c.... \$0.10

Longifolia. Rich blue. 2 ft. ⅓ oz. 40c.... .10

VINCA. Fine for pots or borders.

alba, pure white; **rosea,** rose; **Mixed.**

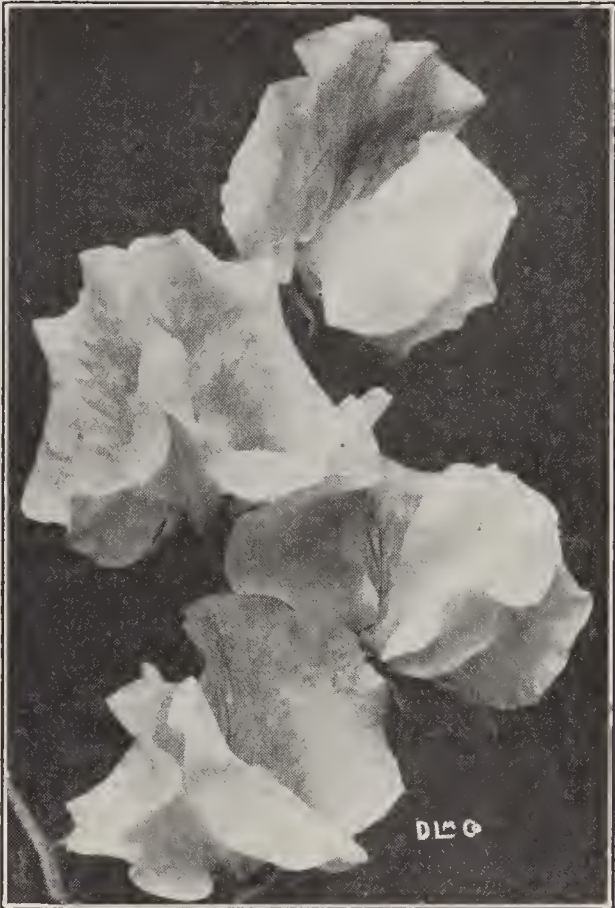
Each..... .10

VIOLA odorata (Sweet Violet). Fragrant

bedding plant..... .10

VIRGINIAN STOCKS. Hardy annuals

for beds and borders. ¼ oz. 15c..... .10



Sweet Pea

WALLFLOWER

Well known, fragrant, half-hardy perennial blooming early in the Spring. Plants should be protected in cold-frame during Winter and planted out in April

Pkt.

Earliest Paris. Flowers first season from seed and continues bloom until freezing weather.

Fine for cut blooms, keeps well when cut and has a very delicate perfume. Separate colors:

Blood red, light brown, golden. ¼ oz. 25c. \$0.10

Single Mixed. ¼ oz. 25c..... .10

Early Wonder. Double flowering annual.... .15

WILD FLOWER GARDEN MIXTURE

These mixed flower seeds embrace more than a hundred varieties of such easy growing and pretty flowers as are suitable for forming a wild flower garden. They are very useful for woodland walks, roadsides, alongside of fences, and on untidy bare spots which, if properly cared for and kept free from weeds, can bloom during the Summer. Pkt. 10c., oz. 25c., ¼ lb. 75c.



Wild Garden



Double Giant Dahlia-Flowered Zinnias



Zinnia, California Giant

ZINNIA

Robust-growing annuals, very free-flowering. No flowers are more easily grown from seed in the open ground and few bloom so continuously throughout the entire Summer. Those acquainted only with the old-time Zinnias will be surprised at the perfection to which the newer strains have attained.

DOUBLE GIANT DAHLIA-FLOWERED

These flowers have a very marked distinction from the ordinary giant class, being true Dahlia-flowered type, and when picked and placed with Dahlias, it is difficult to tell one from the other. Very free blooming. Pkt.

Crimson Monarch. The largest and best of the red shades.....\$0.10

Dream. Fine deep lavender, turning to purple.... .10

Exquisite. Light rose, deep rose center..... .10

Golden Dawn. Golden yellow..... .10

Lemon Beauty. Light lemon yellow..... .10

Oriole. Immense orange and gold bicolor..... .10

Polar Bear. Very large, the best white sort..... .10

Above separate colors. ¼ oz. 50c.

Finest Mixed. ¼ oz. 40c. oz. \$1.25..... .10

CROWN OF GOLD MIXTURE

One of the season's novelties. Each petal overlaid with deep golden yellow at the base while carrying the individual color at the tip. Colors old rose, cream yellow, carmine red, pink, etc..... .10

CURLED AND CRESTED

Petals beautifully curled and twisted. ¼ oz. 25c. .10

PICOTEE MIXED

Large double fringed flowers with contrasting edge to petals. ¼ oz. 50c., 1 oz. \$1.50..... .15

CALIFORNIA GIANTS

Plants of this class are extremely robust, growing 18 to 24 inches high, producing flowers often 5 inches in diameter, mostly very double and of uniform large size. Adapted to planting of large beds and borders.

Cerise Queen **Orange Queen,** Golden

Enchantress, Light Rose, orange

deep center **Purity,** White

Lemon Queen, Lemon **Salmon King**

orange **Scarlet King**

Miss Willmott, Soft pink **Rose Queen**

Orange King, Burnt orange

Each of above ¼ oz. 40c., pkt. 10c.

Mixture of above separate colors ¼ oz. 35c., 1 oz. \$1.00,

pkt. 10c.

DWARF DOUBLE (Cut and Come Again)

Medium size flowers, fine for cutting.

Bright Scarlet **Flesh** **Salmon Rose**

Canary Yellow **Golden Yellow** **Crimson**

Separate colors of mixture ¼ oz. 25c., 1 oz. 75c., pkt. 10c.

DOUBLE LILLIPUT or POMPON

(Improved Strain)

A very compact type not over 15 inches high, producing a profusion of very double flowers on long stems, held well above the foliage. As a cut flower are particularly desirable for table decoration.

Canary Yellow **Purple** **Flesh**

Crimson Gem **Salmon Rose** **White Gem**

Golden Gem **Scarlet Gem** **Rosebud**

Each, above colors, ¼ oz. 40c., pkt. 10c.

Mixture of above colors, ¼ oz. 40c., oz. \$1.00, pkt. 10c.

ZINNIA LILLIPUT, TOM THUMB MIXTURE

Plants 4 to 6 inches high, very compact, covered with well formed Lilliput type flower covering a wide range of colors. Pkt. 15c., large pkt. 35c.

ANNUAL SEEDLING PLANTS

We plan yearly to produce a great quantity of seedlings comprising the following, well-grown healthy plants at prices ranging from 50c. to \$1.50 per doz., \$3.00 up per 100:

Aster, Semples Branching, mixed

Ageratum, Blue Perfection.

Antirrhinum (Snapdragon).

Bachelor Buttons.

Calendula (Pot-marigold).

Carnation, Marguerite, mixed.

Castor Oil Plant.

Chrysanthemum, Carinatum

double mixed.

Cosmos, early-flowering.

Helichrysum (Strawflower).

Larkspur, tall, blue or mixed.

Lobelia, dwarf and trailing.

Marigold, tall African mixed.

Marigold, dwarf French mixed.

Petunia, Rosy Morn.

Petunia, Violaacea.

Petunia, California Ruffled Giant.

Phlox drummondii, mixed.

Salvia Bonfire.

Salpiglossis, Emperor, mixed.

Scabiosa, tall large-flowering.

Stock, dwarf German, 10 Weeks.

Verbena.

Zinnia.

THE BEST VEGETABLE SEEDS

All vegetable seeds except those otherwise mentioned, are put up in 10-cent packages. We send free by mail all vegetable seeds in packages, ounces and one-fourth pounds; larger quantities, add postage according to Parcel Post zone rates.



Asparagus, Palmetto

Artichokes

Sow seeds in hotbed early in Spring in rows 6 inches apart, transplant into boxes or pots. Plant in open ground after danger of frost is past, 2 by 3 feet between plants. Rich, sandy loam is best adapted. Sow seed in open ground in May and protect until cold weather is past and will head the second year.

Large Globe, or Paris. Pkt. 15c., oz. 75c.

Asparagus One ounce to 40 feet of drill

Sow the seed in Spring in drills 15 inches apart, the following Spring transplant to permanent beds. Plant for private use in rows 6 inches apart and allow 12 inches in the rows, covering the roots 6 inches. For market on a large scale, set 4 by 2 feet.

Palmetto. Oz. 10c., ¼ lb. 25c., lb. 75c.

Mary Washington. A rust-resisting variety. Oz. 20c., ¼ lb. 40c., lb. \$1.25.

Asparagus Roots

Mary Washington. The earliest and produces more and larger stalks than other strains; the highest rust resisting variety. So much better you can see the difference. Extra two year old roots \$1.50 per 100; \$12.00 per 1000. Asparagus Knives, 50c. each.

Beans—Dwarf or Bush

One pound to 50 feet of drill

For succession Bush Beans should be planted at intervals of two weeks from May until August. Make drills 2 feet apart and 2 inches deep.

Stringless Green Pod. Extra early, stringless, round pod.

Very prolific and excellent quality. ½ lb. 15c., lb. 30c., 5 lbs. \$1.25.

Black Valentine. Round, straight, good quality. ½ lb. 15c., lb. 30c., 5 lbs. \$1.25.

Early Bountiful. A stringless flat pod variety of excellent quality. ½ lb. 15c., lb. 30c., 5 lbs. \$1.25.

Dwarf Horticultural. An excellent shell Bean. ½ lb. 15c., lb. 30c., 5 lbs. \$1.25.

Low's Champion. Recommendable as a string or shell Bean. ½ lb. 15c., lb. 30c., 5 lbs. \$1.25.

Improved Golden Wax. A favorite among yellow podded varieties; pods flat. ½ lb. 15c., lb. 30c., 5 lbs. \$1.25.

Round Pod Kidney Wax. Of the finest quality; entirely stringless. ½ lb. 15c., lb. 30c., 5 lbs. \$1.25.

Pencil Pod Black Wax. Pods round, bright yellow and entirely stringless. ½ lb. 15c., lb. 30c., 5 lbs. \$1.25.

Stringless Kidney Wax. Pods long, entirely stringless; prolific. Excellent. ½ lb. 15c., lb. 30c., 5 lbs. \$1.25.

Sure Crop Wax. An absolutely stringless Wax Bean, pods 6 to 7 in. long and flat. The eating quality is perfect and is also disease-resisting. ½ lb. 15c., lb. 30c., 5 lbs. \$1.25.

Fordhook Bush Lima. Very productive and of excellent quality. ½ lb. 20c., lb. 40c., 5 lbs. \$1.75.

Henderson's Bush Lima. Early, small bean. ½ lb. 20c., lb. 40c., 5 lbs. \$1.75.

English Broad Windsor. The standard English Bean. ½ lb. 20c., lb. 35c., 5 lbs. \$1.50.



Beans, Stringless Green Podded



Beans, Fordhook Bush Lima



Field Beans

Pea, or Navy, Red Kidney, Yellow Eye.

½ lb. 20c., lb. 30c., 2 lbs. 50c.

Pole, or Running Beans

One pound to 75 hills

The planting of Pole Beans should be delayed a week or more after the planting of the early dwarf sorts. Make hills about 3 feet apart and 1 to 2 inches deep and plant five to six seeds in each hill; thin to three plants in each hill when well established. Limas should not be planted until weather becomes warm and settled. Flat beans should be placed in the soil edgewise, eye down.

Mammoth Horticultural Pole. A very prolific shell Bean. ½ lb. 20c., lb. 35c., 5 lbs. \$1.50.

Kentucky Wonder. An excellent variety, entirely stringless, round pod. ½ lb. 20c., lb. 35c., 5 lbs. \$1.50.

Kentucky Wonder Wax. Pods very long, fleshy, stringless, light yellow. ½ lb. 20c., lb. 40c., 5 lbs. \$1.75.

Scarlet Runner. Highly ornamental; also used as a table Bean. ½ lb. 20c., lb. 40c., 5 lbs. \$1.75.

Large White Lima (Extra Size). The standard Pole Lima. Quality excellent. ½ lb. 20c., lb. 40c., 5 lbs. \$1.75.

Sieva, or Small Lima. An excellent Bean, earlier and more hardy than large Limas. ½ lb. 20c., lb. 40c.

Yard Long. A very curious sort, producing pods 2 ft. or more in length, the thickness of a lead pencil. Pkt. 10c.

Beets

One ounce to 50 feet of drill; 5 to 6 pounds per acre

Sow early as ground can be worked in the Spring and for succession follow every two weeks until July. For main crop sow last of May. Light, sandy loam well enriched with stable manure is best adapted and should be plowed and harrowed until very fine. Make drills 1 foot apart and when well up thin to 4 or 5 inches in the row.

Extra Early Egyptian. A very early flat blood-red sort. Popular for first planting and forcing. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.00.

Crosby's Egyptian. An improved strain of Egyptian Beet. Rich dark red, crisp and tender. An excellent early sort. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.25.

Eclipse. Globe-shaped, extremely early and excellent quality Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.25.

Detroit Dark Red. (Improved strain). Very tender and sweet; skin dark blood-red; flesh bright red; fine round shape. Excellent for main crop. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.25.

Edmand's Blood Turnip. Highly recommendable for main crop; uniform in size, very dark flesh, excellent quality. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.25.

Dewing's Blood Turnip. A standard main crop variety of excellent shape and color. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.25.



Crosby's Beet

Swiss Chard, or Spinach Beets

Giant Lucullus. Extra large, crumpled or Savoy-leaved. Leaves used as greens. cooked in same manner as Spinach and the large ribs are prepared like Asparagus. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Large White. Similar to above, plain-leaved. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.



Swiss Chard

Sugar Beets and Mangel-Wurzels

Sow in May or June; 5 to 8 pounds per acre.

Used for stock and chicken feed. Sow in rows 3 ft. apart in May or June, thin out to 6 in. apart and keep well cultivated.

Norbiton's Giant. A long red variety, adapted to deep soil. Oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Golden Tankard. A yellow variety, formed mostly above ground; easily pulled Oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Half Sugar Mangel. Flesh, pure white, firm and very sweet. Oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Vilmorin's White Sugar. The best Sugar Beet for stock feeding. Oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.



Mangel-Wurzel

Broccoli

One ounce will produce about 3000 plants

Closely resembles Cauliflower but is more hardy and sure heading. Sow seed in May and plant out in June in rows 2 feet apart each way

White Cape. Heads creamy-white and of large size. Pkt. 10c., oz. 75c.

Early Green Calabrese. This variety is much sought by the Italian trade. Forms a fair size green head; after this is cut from the main stalk new sprouts develop, forming new heads of a loose nature. Pkt. 15c., $\frac{1}{2}$ oz. 30c., oz. 50c.

Brussels Sprouts

One ounce will produce about 3000 plants

The seed should be sown about the middle of May in a seed bed and plants afterward set in rows 2 feet or more apart and cultivated like Cabbage. This vegetable does not require extremely high cultivation. It is ready for use late in Autumn after early frosts.

Dwarf Improved. Compact in growth and of excellent quality. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

Borecole, or Kale

One ounce will produce about 3000 plants

Sow in beds early in Spring and transplant in June treating in same manner as Cabbage.

Dwarf Green Curled Scotch. Very dwarf and spreading, the best variety. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 40c., lb. \$1.00.

Tall Green Curled Scotch. An upright variety 3 ft. tall with narrow fine curled leaves. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 35c., lb. 75c.



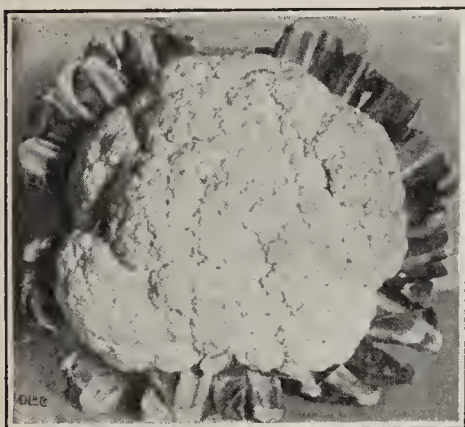
Brussels Sprouts



Carrots, Danvers Half-Long



Cabbage, Savoy



Cauliflower, Snowball



Celery, Golden

Carrots

One ounce to 100 feet of drill,
four pounds per acre

For early crop sow as soon as the ground can be worked; they may be sown as late as the middle of June. The drills should be 1 inch deep and 1 foot apart, thinning out to 3 or 4 inches between the plants. Carrots do best in a deeply tilled sandy loam.

Early Scarlet Horn. A favorite sort; for early Summer use. **Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.50.**

Early French Forcing. The earliest variety grown; small, tender. Fine quality. **Pkt. 10c., oz. 25c., ¼ lb. 75c.**

Danvers Half-Long. The best sort for general use. Rich, deep orange color; excellent quality; roots taper to a point. A very heavy cropper. (Select stock.) **Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.25.**

Improved Long Orange. Large variety; used for main crop. **Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.25.**

Guerande, or Ox Heart. Stump-rooted; one of the most valuable varieties either for family use or market; fine flavor and color; very productive. **Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.25.**

Chantenay. A stump-rooted variety having a large shoulder; very productive. **Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.25.**

Cabbage

One ounce will produce about
1500 plants

For early use sow the seed in hotbeds in February or March, or may be sown about the middle of September, and the plants wintered over in coldframes. Transplant in Spring as soon as ground can be worked, in rows 2 feet apart, the plants 18 inches apart in the rows. For late or Winter use, sow seed in May; set out the plants in July; 2½ by 3 feet.

Our Cabbage seeds are all the best American grown

Early Jersey Wakefield. The best early sort. Medium size, pyramidal shape with rounded peak. **Pkt. 10c., oz. 30c., ¼ lb. \$1.00.**

Charleston, or Large Wakefield. Much larger than the above, but not as early. **Pkt. 10c., oz. 30c., ¼ lb. \$1.00.**

Golden Acre. Early, solid, uniform heads, medium size with few outer leaves allowing close planting. **Pkt. 10c., oz. 35c., ¼ lb. \$1.25.**

Copenhagen Market. A round headed sort, early as Wakefield. A standard variety. **Pkt. 10c., oz. 35c., ¼ lb. \$1.25.**

Hollander, or Danish Ball Head. Excellent Winter sort, heads very solid. **Pkt. 10c., oz. 30c., ¼ lb. \$1.00.**

Premium Flat Dutch. Main crop variety. **Pkt. 10c., oz. 30c., ¼ lb. \$1.00.**

American Drumhead Savoy Improved. The finest Savoy variety, finely curled, large and solid. **Pkt. 10c., oz. 30c., ¼ lb. \$1.00.**

Mammoth Rock Red. Large size, very solid. **Pkt. 10c., oz. 40c., ¼ lb. \$1.50.**

Pe-Tsai, Chinese or Celery Cabbage. Sown in open ground in July, produces heads resembling Cos Lettuce. Used as a salad or cooked like ordinary Cabbage but must be cooked quickly. **Pkt. 10c., oz. 40c.**

Cauliflower

Cultivate as directed for Cabbage. In dry weather water liberally. Cauliflower likes a cool, moist situation.

Early Snowball. A very popular early variety; for family use or market gardeners. Dwarf in habit with short, outer leaves, allowing close planting. Heads white and of finest quality. **Pkt. 25c., ¼ oz. 75c., ½ oz. \$1.25, oz. \$2.25.**

Danish Dry Weather. Heads somewhat larger than Early Snowball with more foliage. Adapted to dry locations where other varieties fail. **Pkt. 25c., oz. \$2.50.**

Early Paris. Medium size and sure heading variety. Heads are large, compact, solid and white. **Pkt. 15c., oz. \$1.00.**

Veitch's Autumn Giant. A popular, large, late variety. **Pkt. 15c., oz. \$1.00.**

Celery

One ounce will produce about
1500 plants

Seed may be sown in the open ground in April. Sow about ½ inch deep and firmly press the soil over the seed. After the seed is up, keep carefully clear of weeds until the time of planting, in June or July. After the ground has been well prepared, plant in rows from 3 to 4 feet apart, according to variety, setting the plants about 6 inches apart and pressing the soil firmly about the roots. The soil best suited for Celery is a rich, moist loam.

White Plume. Excellent for early use; naturally white, requires little blanching. **Pkt. 10c., oz. 35c., ¼ lb. \$1.25.**

Golden Self-Blanching. True French grown stock. Similar to the above except that the stalks are a beautiful golden yellow, and much better quality. Easily blanched by placing boards along each side of rows or may be banked with earth. **Pkt. 10c., oz. 75c., ¼ lb. \$2.50.**

Wonderful or Golden Plume. Early and very desirable for home or market garden. Easily blanched. **Pkt. 15c., ½ oz. 40c., oz. 75c.**

Boston Market. A dwarf branching variety. **Pkt. 10c., oz. 40c., ¼ lb. \$1.50.**

Giant Pascal. An excellent late sort, easily blanched and a good keeper. **Pkt. 10c., oz. 40c., ¼ lb. \$1.50.**

Celeriac, or Turnip-rooted. Grown exclusively for the roots. **Pkt. 10c., oz. 40c., ¼ lb. \$1.50.**

Chervil

Curled Chervil. An aromatic sweet herb. The young leaves are used in soups and salads. Sow thinly in May in drills ½ in. deep. 1 ft. apart. **Pkt. 10c., oz. 20c., ¼ lb. 50c.**

Chicory

Large-rooted. The young leaves may be used as a Spring salad. Dried and prepared roots are used as a substitute for coffee. Sow early in Spring in drills 2 feet apart, thinning to 6 in. **Pkt. 10c., oz. 25c., ¼ lb. 75c.**

Witloof (French Endive). The leaves and leaf stems are blanched and used as a salad. Sow seed in open ground in May in rows 18 in. apart. Thin plants to 6 in. in row. In Fall roots should be lifted and leaves trimmed 1½ in. from crown, remove side shoots and trim roots to about 9 in. Roots are then placed upright in trench 18 in. deep and 2 in. apart, fill trench with fine rich soil. A mulch of manure will hasten growth. **Pkt. 10c., ½ oz. 25c., oz. 40c.**

Sweet Corn

One pound to 150 hills;
twelve pounds per acre.

Plant in hills 3 feet apart each way and five to six kernels in a hill. Hoe often and draw soil up to the stem. Make ground rich with well rotted manure. For succession plantings should be made at intervals from May to July.

De Lue's Golden Giant. A yellow Corn like Golden Bantam, having ears almost twice as large and several days earlier. ½ lb. 15c., lb. 30c., 5 lbs. \$1.25.

Golden Bantam. Extremely hardy, allowing earlier planting than other varieties. Superior rich flavor. ½ lb. 15c., lb. 30c., 5 lbs. \$1.25.

Whipple's Early. Few days earlier than Golden Bantam, ears 7 to 8 in. long, 12 to 16 rowed; grows quite tall. Excellent quality. ½ lb. 15c., lb. 30c., 5 lbs. \$1.25.



Corn, Golden Bantam

Corn Salad, or Fetticus

Used as a salad. Is sown in early Spring in rows a foot apart and is fit for use in six or eight weeks from sowing.

Large-leaved. **Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.50.**

Cucumbers

One ounce to 50 hills;
2 pounds per acre.

Cucumbers succeed best in warm, rich, sandy loam. Plant when all danger of frost is past, in hills about 4 feet apart each way; the hills should be previously prepared by mixing thoroughly with the soil of each a shovelful of well-rotted manure; sow for pickling from the middle of June to the middle of July.

Improved White Spine. Thick, straight, smooth, shiny dark green; a general favorite for market or home. **Pkt. 10c., oz. 20c., ¼ lb. 60c., lb. \$1.50.**

Early Russian. The earliest in cultivation; small and productive. **Pkt. 10c., oz. 15c., ¼ lb. 40c.**

Early Cluster. Length about 5 in.; tender and productive. **Pkt. 10c., oz. 15c., ¼ lb. 40c.**

Boston Pickling. True stock; the best variety for pickling. **Pkt. 10c., oz. 15c., ¼ lb. 40c., lb. \$1.00.**

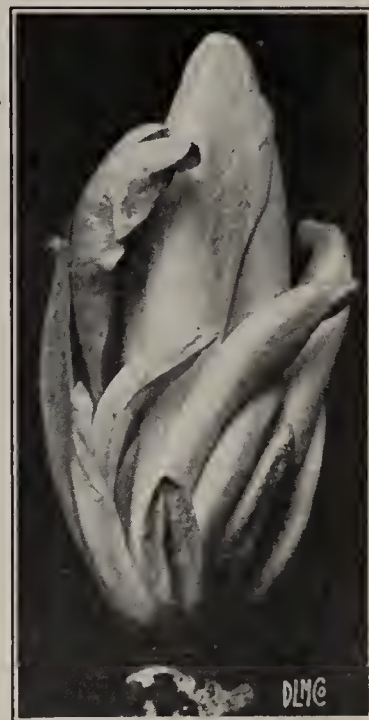
Everbearing. Small sized, early and enormously productive. **Pkt. 10c., oz. 15c., ¼ lb. 50c.**

Davis' Perfect. Long, slender, rich dark green. Superb quality. **Pkt. 10c., oz. 20c., ¼ lb. 60c., lb. \$1.50.**

Improved Long Green. 10 to 12 in. in length; dark green. **Pkt. 10c., oz. 20c., ¼ lb. 60c., lb. \$1.50.**

Japanese Climber. Can be grown either as an ordinary ridge cucumber or as a climber. **Pkt. 10c., oz. 20c., ¼ lb. 75c.**

English Frame Telegraph. For hotbeds. **Pkt. 25c.**



Witloof Chicory

Potter's Excelsior, or Squantum. Very sweet and tender; one of the finest for main crop. ½ lb. 15c., lb. 30c., 5 lbs. \$1.25.

Crosby's Early. Matures after Cory; excellent quality. ½ lb. 15c., lb. 30c., 5 lbs. \$1.25.

Stowell's Evergreen. One of the most popular varieties for main crop. ½ lb. 15c., lb. 30c., 5 lbs. \$1.25.

Black Mexican. Very sweet and superior quality. ½ lb. 15c., lb. 30c., 5 lbs. \$1.25.

Country Gentleman. The sweetest and most tender of all varieties. ½ lb. 15c., lb. 30c., 5 lbs. \$1.25.

Cress, or Peppergrass

A well-known pungent salad; cover very slightly; sow at frequent intervals to keep up a succession; to be used before the flowers appear.

Extra Curled. Very fine; may be cut two or three times. **Pkt. 10c., oz. 20c., ¼ lb. 40c.**

Upland. Hardy perennial; adapted to any soil, wet or dry. A very rapid grower and ready for use very early in the Spring. **Pkt. 10c., oz. 20c., ¼ lb. 60c.**

Watercress. Hardy perennial aquatic plant. **Pkt. 10c., oz. 40c.**



Cucumber Improved White Spine

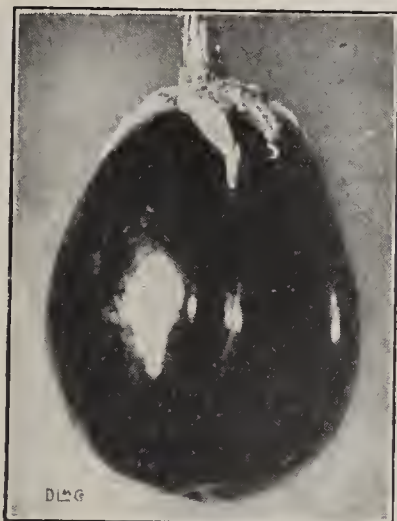
Dandelion

One ounce will sow 100 feet of
drill; 2 pounds to one acre

Sow in May or June in drills a foot apart, press the earth firmly over the seed, cultivate during Summer, cover lightly with straw during Winter and the following Spring the leaves will be fit to cut. The roots when dried and roasted are often employed as a substitute for coffee.

Improved Broad-leaved. **Pkt. 10c., ½ oz. 35c., oz. 60c., ¼ lb. \$2.00.**

Common French. A fine, large leaf variety, imported seed. **Pkt. 10c., oz. 40c., ¼ lb. \$1.25.**



Eggplant, Black Beauty

Eggplant

One ounce will produce about
1000 plants

The seed should be sown in hotbeds the first week in April. Plant out about June 1st, about 2½ feet apart. The Eggplant will thrive well in any good garden soil.

Black Beauty. Fully ten days earlier than Imp. New York, remarkably healthy growth and large fruit. **Pkt. 10c., ½ oz. 35c., oz. 60c.**

Early Long Purple. Very early and productive fruit about 8 in. long. **Pkt. 10c., ½ oz. 35c., oz. 60c.**

Endive

One ounce will sow
150 feet of drill

For an early supply sow about May 1st. Used mainly in Fall, the main sowings are made in June and July in rows 1½ feet apart covering seed firmly with ½ inch of soil, thin to 8 or 12 inches apart. When grown tie to blanch.

Green Curled. Hardy, leaves dark green, tender. **Pkt. 10c., oz. 25c., ¼ lb. 60c., lb. \$1.50.**

Batavian Broad-leaved. Leaves long and broad, chiefly used in soups. **Pkt. 10c., oz. 25c., ¼ lb. 60c., lb. \$1.50.**

Kohlrabi

The seeds of this plant may be sown at the same period as the Swedish or Rutabaga Turnip, and may be cultivated in the same way, remembering to leave the chief part of the stems uncovered by the earth. The bulbs may be kept sound and nutritious until late in the Spring, even later than those of Turnips.

Early White Vienna. An early variety having few leaves. Bulbs smooth, white, medium size. Ready for use in about 10 weeks. **Pkt. 10c., oz. 25c., ¼ lb. 75c.**

Early Purple Vienna. Later than the White. **Pkt. 10c., oz. 25c., ¼ lb. 75c.**

Leek

One ounce will sow 100 feet of drill

The Leek is very hardy and easily cultivated. Sow in April in drills 1 foot apart and transplant in July into rows 15 inches apart and 6 inches in the rows. The soil should be rich but not freshly manured. The Leek is a member of the Onion family and the method of cultivation is like the Onion except that it should be grown deeper in the ground.

Large American Flag. The kind mostly grown for market. **Pkt. 10c., oz. 25c., ¼ lb. 75c.**

Musselburgh. Grows to very large size. **Pkt. 10c., oz. 25c., ¼ lb. 75c.**

Lettuce

One ounce will sow 100 square feet or 120 feet of drill

The earliest sowing may be made in February or March under glass, with slight heat. For later supplies, sow in the open ground, as the season will permit, thin out well and set in rows 2 feet apart and a foot between the plants. Lettuce requires good ground and abundant moisture.

Wayahead. Very early and close heading, large size and superior quality. **Pkt. 10c., oz. 25c., ¼ lb. 75c.**

Iceberg. See New York.

Improved Salamander. Withstands hot weather remarkably well. Plants large, compact. Leaves large, broad, overlapping with heart, well blanching. One of the best for Summer planting. **Pkt. 10c., oz. 25c., ¼ lb. 75c.**

Big Boston. Fine for coldframes or out-of-doors. Head large and solid. **Pkt. 10c., oz. 30c., ¼ lb. 75c.**

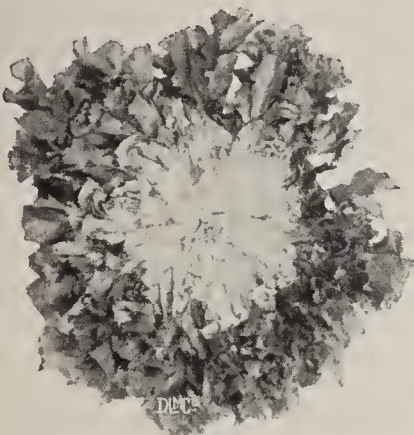
Curled Silesia. A favorite curly or loose-leaved sort for the home garden. **Pkt. 10c., oz. 25c., ¼ lb. 60c.**

New York. Also called Los Angeles and Wonderful. Large, compact head with frilled edge, dark green leaves. **Pkt. 10c., oz. 35c., ¼ lb. \$1.00.**

Crisp As Ice. Medium size, solid head; one of the best bronze leaved sorts. **Pkt. 10c., oz. 25c., ¼ lb. 75c.**

Self-Folding Cos, or Romaine. Should be sown early and tied up to blanch; long leaved, crisp and tender. **Pkt. 10c., oz. 30c., ¼ lb. 75c.**

White Boston. Heads medium size, with tightly folded heart that blanch bright creamy yellow. **Pkt. 10c., oz. 30c., ¼ lb. 75c.**



Endive, Broad-leaved



Kohlrabi, White Vienna



Lettuce, Wayahead



Leek, Musselburgh



Muskmelon, Tip Top



Okra

Onions

One ounce will sow 100 feet of drill;
6 lbs. per acre

A rather, strong, deep, rich, loamy soil is considered most suitable for Onion culture. Prepare ground the previous Autumn by plowing or spading deeply and applying a heavy coat of well rotted barnyard manure. Sow seed early in Spring in shallow drills 1 foot apart, covering with fine soil, and press down by the use of a light roller or the back of a spade. Thin plants to 4 inches and keep free from weeds.

Yellow Globe Danvers. True Buxton type. Standard sort, deep, globe-shape, large size, mild flavor and a good keeper. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00.

Large Red Wethersfield. One of the most productive and longest keeping sorts. Large size, flat, purplish red color. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Southport Red Globe. Very early, globe shape, bright red color, excellent keeper. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00.

Southport White Globe. Large, globe-shape, mild flavor and firm; a good keeper. Always commands a high price in market. Pkt. 10c., $\frac{1}{2}$ oz. 20c., oz. 40c., $\frac{1}{4}$ lb. \$1.25.

Prizetaker. Globe-shape, very large size, extremely mild flavored; is most satisfactory when sown early in hotbed and transplanted. Pkt. 10c., $\frac{1}{2}$ oz. 20c., oz. 35c., $\frac{1}{4}$ lb. \$1.25.

Onion Sets (Prices variable)

	Lb. 5 lbs.		Lb. 5 lbs.
White Sets.....	\$0.35 \$1.50	Red Sets.....	\$0.35 \$1.50
Yellow Sets.....	.35 1.50	Shallots.....	.35 1.50

Mustard

One ounce to 80
feet of drill

Sow in shallow drills a foot apart, covering the seeds about a half inch deep. For succession sow every few weeks. The young leaves are used for salad or are cut and boiled like Spinach and the seeds are used for flavoring.

Fordhook Fancy. Leaves dark green, curved outward like a fine ostrich plume. Stands well even in hot weather. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 45c.

White. Desirable for salads or culinary purposes. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Mushrooms

American Spore Culture Spawn. Produced from original spore cultures under the new French process which permits the indefinite production of selected varieties without dilution of the strain, and free of any trace of the parasitic disease of the Mushroom. Positively the most vigorous and prolific spawn on the market. Each brick weighs about 1 lb. and will spawn about 8 sq. ft. of beds. We keep on hand the cream white variety, which is generally preferred in the market. 1 brick 30c., 10 bricks \$2.50.

Muskmelon

One ounce to 80 hills; 2 to 3 pounds
per acre

Prepare hills 4 to 5 feet apart each way; mix well with the soil in each hill a couple of shovelfuls of thoroughly rotted manure. When the weather has become warm, plant from 12 to 15 seeds in each hill; afterward thin out, leaving four good plants.

Bender's Surprise. Vigorous growth, disease resisting. Melons nearly round, flesh rich orange color and remarkably spicy flavor. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 60c.

Emerald Gem. Early. Small, flesh deep orange, very sweet, the best and most popular sort for this section. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Tip Top. Medium size, round, yellow flesh. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 60c.

Lake Champlain. Probably the earliest of the salmon flesh Melons. Very sweet and tempting, medium size. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.00.

Miller's Cream. Skin very thin, dark green; flesh salmon and excellent flavor. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 60c.

Watermelon

One ounce to 30 hills;
4 to 5 pounds per acre

Plant in hills as for Muskmelons, treat in all respects the same except that the hills should be about 8 feet apart. Price, all varieties, pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c.

Cole's Early. Medium size, flesh bright red, excellent.

Phinney's Early. Early, sweet; flesh deep red.

Kleckley's Sweet. Vines vigorous, productive; flesh bright red, exceedingly sweet.

Stone Mountain. A large Melon, nearly round, dark green rind. Sweet scarlet flesh with few seeds.

Citron. For preserves only.

Okra, or Gumbo

One ounce
to 75 hills

Sow early in May, in drills 2 inches deep, setting the plants from 2 to 3 feet apart.

Dwarf Green. The best variety for general cultivation. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c.

Perkins' Mammoth Long-podded. About 3 ft high; very early and productive. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c.

White Velvet. About 3 $\frac{1}{2}$ ft. high, early and productive. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c.

EGYPTIAN, or WINTER ONION TOPS

Available about July up to freezing weather. These will make rare-ripes for the late Fall season or Winter, or for very early Onions in the Spring. Prices will be moderate.



Onion, Yellow Globe Danvers



Parsley, Champion Moss Curled



Parsnip, Hollow Crown



Pepper, Ruby King

Parsley

One ounce will sow
150 feet of drill

Sow thickly in drills a foot apart and half an inch deep early in the Spring, having soaked seed in tepid water a few hours.

Champion Moss Curled. Fine and unsurpassed for garnishing. **Pkt. 10c., oz. 20c., ¼ lb. 50c.**

Plain-leaved. Excellent flavor. **Pkt. 10c., oz. 20c., ¼ lb. 40c.**

Hamburg-rooted. Fleshy vegetable root for soups, etc. **Pkt. 10c., oz. 25c., ¼ lb. 75c.**

Parsnip

One ounce will sow 200
feet of drill; 5 lbs.
per acre

Sow as early as possible in drills 2½ feet apart and half an inch deep, and press the soil firmly over the seed; succeeds best in rich, sandy loam, deeply tilled and avoid fresh manure.

Hollow Crown, or Long Smooth. The standard sort for general use. **Pkt. 10c., oz. 20c., ¼ lb. 40c., lb. \$1.00.**

Peas

One pound will plant about 75 feet of drill;
75 pounds per acre



Plant the extra early smooth varieties as soon as the ground can be worked, and the wrinkled sorts soon as the ground becomes warm. Make rows for



dwarf varieties 2½ feet apart and for tall sorts 3 feet apart.

Laxton's Progress. An improvement over Laxtonian; height 18 in., dark green pods averaging nine peas to the pod. ½ lb. 15c., lb. 30c., 5 lbs. \$1.25.

Laxtonian. A large-podded sort resembling the Gradus though more dwarf and a little earlier. Vines vigorous, growing about 18 in. high, well covered with large, pointed pods, averaging eight or nine to the vine, and nine to ten peas in a pod. Most excellent quality. ½ lb. 15c., lb. 30c., 5 lbs. \$1.25.

Gradus. Variety rivaling the First Earlies; produces pods and peas equal to large, marrow sorts. Unexcelled in quality and flavor. ½ lb. 15c., lb. 30c., 5 lbs. \$1.25.

Thomas Laxton. Resembles the Gradus in size of pod, but darker color. ½ lb. 15c., lb. 30c., 5 lbs. \$1.25.

Hundredfold. Prolific, large podded dwarf variety for home or market garden; 18 in. vine, pods dark green, 4 in. long. ½ lb. 15c., lb. 30c., 5 lbs. \$1.25.

New York Market. Very early and productive. A general favorite among market gardeners; robust in growth; height 2½ ft. ½ lb. 15c., lb. 30c., 5 lbs. \$1.25.

Alaska, or Earliest of All. The earliest Pea in cultivation, matures nearly its entire crop at one picking; height 2½ ft. ½ lb. 15c., lb. 30c., 5 lbs. \$1.25.

American Wonder. One of the earliest wrinkled Peas, dwarf and robust in growth, pods long and well filled; height 10 to 12 in. ½ lb. 15c., lb. 30c., 5 lbs. \$1.25.

Nott's Excelsior. An excellent dwarf wrinkled Pea, robust, vigorous. Peas and pods large. ½ lb. 15c., lb. 30c., 5 lbs. \$1.25.

Telephone. A very popular variety, height 3½ ft. Pods 5 to 7 in. long containing 8 to 12 peas of unequalled flavor. ½ lb. 15c., lb. 30c., 5 lbs. \$1.25.



Peas, Telephone

Peppers

One ounce will produce
about 2000 plants

Sow the seed in March or April in a hotbed and transplant to open ground as soon as the weather is quite warm, in rows about 20 inches apart and 15 inches apart in the row. A warm, sandy loam is best.

Harris Early Giant. The best very early sweet Pepper for home or market garden. Plants vigorous, erect, extremely prolific; fruit large, 4½ in. long and 3½ in. through. **Pkt. 10c., ½ oz. 30c., oz. 50c.**

California Wonder. Plant thrifty, upright, fruits over a long period, in size 4½ in. long and 3½ to 4 in. through; extremely thick flesh. **Pkt. 10c., ½ oz. 45c., oz. 80c.**

Large Bell. A standard sort, large size, moderately pungent. **Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.25.**

Ruby King. Very mild, fruits 4 to 6 in. long; excellent for stuffing; a very popular sort. **Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.25.**

Long Red Cayenne. Bright red, slender pods, very pungent. **Pkt. 10c., ½ oz. 25c., oz. 40c.**

Chili. Very small, red, very pungent. **Pkt. 10c., ½ oz. 40c., oz. 75c.**

World Beater. A popular early, very large-fruited, thick-fleshed, mild-flavored sort. Plants upright, 2½ to 3 ft. high. Fruit deep green, turning to deep crimson when mature. **Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. \$1.25.**

Potatoes

All leading varieties, choice Maine grown stock, at lowest market prices.

Pumpkins

Pumpkins are usually planted in fields of Corn or Potatoes, but may be profitably raised in fields by themselves. Sow first of May in hills 8 feet apart.

Yellow Sugar. Very sweet; an excellent table sort. Oz. 20c., $\frac{1}{4}$ lb. 40c., lb. \$1.00.

Connecticut Field. For feeding stock. Oz. 15c., $\frac{1}{4}$ lb. 35c., lb. 75c.

Large Cheese, Flat. One of the best varieties for family use. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.

Mammoth. Grows to immense size. Pkt. 10c., oz. 25c.

Radishes

One ounce will sow
100 feet of drill

Radishes require a light, rich, sandy soil. For an early supply sow in a hot-bed in February, care being taken to give plenty of ventilation. For a successive supply sow from the middle of March until September, at intervals of two or three weeks.

Early Scarlet Globe. For forcing in greenhouses, hotbeds and coldframes or open ground sowing, this is one of the very best globe-shaped, fine scarlet color, crisp, mild and tender. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.25.

French Breakfast. Olive-shaped, bright scarlet, white tipped. A favorite sort. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.25.

Long Scarlet, Short Top. Long, smooth, crisp and tender. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.25.

Scarlet Turnip, White Tipped. Very early, excellent quality. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.25.

White Giant Stuttgart. Top-shape, white skin and flesh; Summer variety, but does not become pithy and can be sorted for Winter. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.25.

Long Black Spanish. An excellent Winter sort. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Round Black Spanish. A Winter variety. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Iceberg. Long, white, rapid growing. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.25.

Rhubarb

Rhubarb Roots. Two year seedlings, much stronger than divisions. Each 35c., doz. \$3.50.

Spinach

One ounce to 100 feet
of drill

For Summer use sow early in March in drills 15 inches apart, and for succession at intervals of a fortnight. For Winter use, sow late in August. The soil should be heavily manured and deeply trenched.

Giant Thick-leaved. A strong-growing, early market variety; large, thick leaves, deep green color. The best for Spring or Fall sowing. Oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 60c.

Bloomsdale. Savoy-leaved, very early and one of the best for Fall or early Spring planting; leaves dark green, medium size and crumpled, much like the Savoy cabbage. Oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 60c.

King of Denmark. Ideal for Spring sowing; very slow to run to seed. Strong, vigorous plants, dark green crumpled leaves. Oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 75c.

New Zealand. Entirely distinct variety: produces a large quantity of leaves; for Summer use. Sow early in Spring. When cut branches out and makes new growth, producing until frost. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 40c., lb. \$1.00.

Squash

Bush sorts, one ounce to 50 hills; 6 pounds per acre
Running sorts, one ounce to 16 hills, 4 pounds per acre

The Squash is a very tender vegetable, sensitive to cold, and cannot in our climate be planted before the middle of May. Plant in rich soil, in hills prepared similar to those for Cucumbers. All sorts, thinned to not over three plants to a hill.

Giant Summer Crookneck. Larger than the ordinary Summer Crookneck. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Golden Summer Crookneck. Golden yellow fruit, early and prolific. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Straightneck. Like Crookneck, with straight neck, golden orange warted, fine quality. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c.

White Bush Scallop. Early; a good market sort. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.60.

Yellow Bush Scallop. Yellow, flat, scalloped edge. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Essex Hybrid. A fine tall variety. Turban type. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 40c., lb. \$1.40.

Delicious. A Fall and Winter variety. Medium size, thick, bright yellow flesh; excellent flavor. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.75.

Boston Marrow. A good keeping Winter sort. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 40c., lb. \$1.40.

Golden Hubbard. Similar to the standard sort except in color. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.75.

Hubbard. The standard Winter Squash. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.75.

Symmes Blue Hubbard. Bluish green skin; golden orange flesh; very dry and excellent keeper. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 60c., lb. \$1.75.

Vegetable Marrow (English). Pale straw color, changing darker. White flesh. About 9 in. long. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c.

Cocozelle, Italian Vegetable Marrow. Mottled dark and light green, 12 to 20 in. long. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.75.

Zucchini. A Cocozelle type, fruit 13 to 14 in. long, dark green skin, thick meat. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c.



Pumpkin, Yellow Sugar



Radish, Early Scarlet Globe



Squash, Hubbard



Crookneck Squash



Spinach, Giant Thick-leaved



Tomato, Bonny Best

Midseason to late; globe shaped, deep scarlet; good home or market sort. **Pkt. 10c., oz. 60c., 1/4 lb. \$1.75.**
Oxheart. Late, large fruited variety, distinct in appearance and its oxheart shape. Mild, acid and pleasing flavor. **Pkt. 10c., 1/2 oz. 60c., oz. \$1.00.**

Tobacco One ounce will produce plants for one acre

Sow broadcast in hotbeds or open ground soon as it can be worked. Keep free from weeds, water freely. Set out June 1st 3 feet apart on highly manured ground.
Connecticut Seed Leaf. A hardy variety adapted to growing in northern states. **Pkt. 10c., oz. 50c.**
Havana. The leaf is very thin and fine texture. **Pkt. 10c., oz. 50c.**

Herbs Packages 10c.

Oz.	Oz.
Anise.....\$0.15	Rosemary.....\$0.50
Basil......20	Rue......35
Caraway......10	Sage......30
Dill......15	Savory, Summer....30
Florence Fennel....25	Thyme......40
Lavender......50	Sorrel......25
Sweet Marjoram....30	

Salsify, or Oyster Plant One ounce to 50 feet of drill

The Salsify has a long white, tapering root, resembling a small Parsnip; when properly cooked it has the flavor of an oyster, and is a good substitute. Sow early in drills 15 inches apart; cover the seeds an inch and a half deep in light, well enriched soil, worked to a good depth, avoiding coarse and fresh manure. Roots are hardy and improved by frost.

Sandwich Island. Grows to a large size; very mild flavor. **Pkt. 10c., oz. 25c., 1/4 lb. 75c.**

Tomatoes One ounce will produce about 2000 plants

The seed should be sown in a hotbed about the first week in March, in drills 5 inches apart and half an inch deep. When the plants are about 2 inches high, set out in boxes, 3 inches deep, 4 inches apart, in another hotbed, or pot singly. If transplanted a second time will be stocky and branching. When the weather has become mild, transplant into warm, light, rich soil 4 feet apart.

John Baer. Few days later than Earliana. More uniform, attractive and productive. The most profitable extra early variety. **Pkt. 10c., oz. 40c., 1/4 lb. \$1.25.**
Bonny Best. Almost as early as John Baer. Smooth, uniform fruit, bearing well until frost. **Pkt. 10c., oz. 40c., 1/4 lb. \$1.25.**
Acme. Very early, smooth, color purplish pink. **Pkt. 10c., oz. 40c., 1/4 lb. \$1.25.**
Dwarf Champion. A distinct variety; robust, short jointed; fruit early, medium size, crimson color. **Pkt. 10c., oz. 50c., 1/4 lb. \$1.50.**
Matchless. A dependable scarlet; main crop variety; very solid and meaty. **Pkt. 10c., 1/2 oz. 25c., oz. 40c., 1/4 lb. \$1.25.**
Dwarf Stone. Large-fruited dwarf sort. Color bright scarlet. **Pkt. 10c., oz. 50c., 1/4 lb. \$1.50.**
Stone. A remarkable main crop variety; robust, solid and very little seed capacity; very productive; quality unexcelled. **Pkt. 10c., oz. 35c., 1/4 lb. \$1.00.**
Ponderosa. The largest variety in cultivation **Pkt. 10c., oz. 60c., 1/4 lb. \$2.00.**
Golden Queen. A large, smooth, yellow variety. **Pkt. 10c., oz. 50c.**
Strawberry (Husk). A favorite preserving sort. **Pkt. 10c., oz. 40c.**
Yellow Plum, Red Plum, Red Peach. **Pkt. 10c., oz. 50c.**
Marglobe. One of the best, all purpose varieties. Globe shape, free from wilt and nail head rust; uniform, deep scarlet, smooth and solid. **Pkt. 10c., oz. 50c., 1/4 lb. \$1.50.**
Break o'Day. Early, globe shaped, scarlet fruit, medium size, very productive. **Pkt. 10c., oz. 50c., 1/4 lb. \$1.50.**
Pritchard (Scarlet Topper). Wilt resisting type of plant known as Self-topping.

Vegetable Roots and Plants

Asparagus, Mary Washington. The earliest and produces more and larger stalks than other strains; the highest rust-resisting variety; so much better you can see the difference. Extra, 2-yr.-old roots. **Doz. 35c., 100 for \$1.50, 1000 for \$12.00.**
Rhubarb Roots, Victoria. Two year old seedlings. Much stronger than divisions. **Each 25c., doz. \$2.50.**
Horseradish, Maliner Kren. Strong cuttings. **Doz. 35c., \$2.00 per 100.**
Cabbage, Celery, Lettuce. **Doz. 25c., \$1.50 per 100.**
Cauliflower, Pepper, Tomato. **Doz. 25c., \$1.50 per 100.**
Eggplant. **Doz. 50c.**
Sweet Potato Plants. Early in June. **\$1.00 per 100.**

Turnips

One ounce will sow 150 feet of drill; one pound per acre in drills, 2 to 3 pounds broadcast

For Summer use, sow early in the Spring in drills and thin out to 8 inches. For Fall and Winter, sow from July to September. Rutabagas should be sown in June or early in July, in drills 18 inches apart; thin out when large enough, 6 to 9 inches apart in drill, according to size.

Extra Early Purple Top Milan. The earliest Turnip. White, flat, medium size. **Pkt. 10c., oz. 20c., 1/4 lb. 60c.**
Red Top Strap Leaf. A popular, quick-growing sort. **Pkt. 10c., oz. 15c., 1/4 lb. 30c., lb. 75c.**
White Egg. Rapid growth, pure white, egg-shaped, fine-grained. **Pkt. 10c., oz. 15c., 1/4 lb. 40c., lb. \$1.25.**
Golden Ball. Medium size and excellent quality. **Pkt. 10c., oz. 15c., 1/4 lb. 40c., lb. \$1.00.**
Budlong White Rock. Much smoother than the old type. White flesh, mild and sweet. **Pkt. 10c., oz. 15c., 1/4 lb. 40c., lb. \$1.00.**

Cow Horn. Flesh white, fine grained, a good table sort. **Pkt. 10c., oz. 15c., 1/4 lb. 40c., lb. \$1.20.**
Macomber. A white rock variety earlier than Budlong and a favorite with many growers. **Pkt. 10c., oz. 15c., 1/4 lb. 40c., lb. \$1.00.**
Improved American. Yellow flesh, excellent quality. **Pkt. 10c., oz. 15c., 1/4 lb. 40c., lb. \$1.00.**
Shogoin, or Japanese. A foliage variety producing an abundance of leaves for greens and reproduces when cut. Free of insects; roots sweet and tender. **Pkt. 10c., oz. 15c., 1/4 lb. 40c.**

Bulbs for Fall Planting

HYACINTHS, NARCISSUS, CROCUS, SCILLAS, SNOWDROPS, CALLAS, LILIUM candidum, and Regale.
TULIPS, Single and Double Early: Darwin, Breeders, May flowering

WE ARE DIRECT IMPORTERS

Display and price list October 1st.

SUMMER FLOWERING BULBS



Amaryllis

Amaryllis

Giant Hybrids. Our bulbs are from the finest collection in America. The size of bloom, range of colors and markings surpass any former offerings. **Extra large bulbs, 75c. each, \$8.00 per doz.**

Begonias Tuberous Rooted

Begonias are indispensable for shady places in the garden or lawn, also desirable for pots or piazza boxes. Start in the house in March or April and remove to the open ground as soon as danger of frost is past. They will bloom freely from July until cut down by the frost. Dry tubers may also be planted in the open ground in May. Care should be taken to keep constantly moist.

Single. White, yellow, rose, scarlet, crimson, salmon. **Frilled or Crested and Double Mixed Colors.** Price, extra fine bulbs, each 25c., doz. \$2.50.

Caladium

Esculentum. This is one of the most beautiful and striking of the ornamental foliage plants, for growing in pots, for planting on the lawn, or mass in beds. It is of the easiest culture in any good garden soil. **Dry bulbs, large size, each 20c., doz. \$2.00.**

Cannas Large Flowering

All varieties, each 10c., doz. \$1.00.

City of Portland. Glowing pink, profuse bloomer; green foliage. 3½ ft.

Express. Brilliant scarlet-crimson. 2½ ft. Green foliage.

Gladiator. Brilliant yellow, spotted crimson. Robust grower. 4½ ft.

King Humbert. Bronze foliage. Flower heads of immense size. Orange-scarlet, rose-tinted. One of the finest Cannas.

President. Superior to all other red varieties in quality and quantity of bloom. Glowing scarlet; green foliage. 4 ft.

Richard Wallace. Canary-yellow, green foliage. 4 ft.

Lilies

Auratum (The Golden-rayed Lily of Japan). The flowers are pure white, thickly studded with crimson spots, while through the center of each petal runs a clear golden band. **Mammoth Size Bulbs. Each 40c., doz. \$4.00.**

Rubrum. White ground with bands and spots of rose or crimson on each petal. One of the best Lilies. We have a splendid stock of this very hardy and beautiful kind. **Mammoth Size Bulbs. Each 40c., doz. \$4.00.**

Regale (Myriophyllum). White, fragrant flowers shaded pink outside, lower inner surface primrose yellow. Hardy. 3 to 5 ft. high. **Good Blooming Size bulbs. Each 40c., doz. \$4.00.**

Tigrinum splendens (Tiger Lily). Orange red, spotted black. Free blooming, very hardy, the easiest of all Lilies to grow. **Each 25c., doz. \$2.50.**

Umbellatum grandiflorum. This variety produces large heads of orange flowers. Free blooming, 2 ft. **Large Bulbs. Each 25c., doz. \$2.50.**

Madeira Vine

A rapid growing vine with fragrant white flowers. **Each 15c., doz. \$1.50.**

Montbretia

Flowers produced on long graceful stems, colors ranging through yellow, orange and red. Particularly bright.

Mixed Colors. Doz. 60c., 100 for \$4.00.

Oxalis

These Summer flowering bulbs should be planted out early in May, covering about 2 inches deep. **Extra Large Bulbs, White or Pink. Doz. 35c., 100 \$2.00.**

Tritoma (Red Hot Poker)

Pfitzeri. Blooms August to October, with spikes 3 to 4 ft. high and heads of orange-scarlet bloom.

Strong roots, 25c. each, doz. \$2.50.

Hybrids. Blooms early and continuously until frost. Small flowers on wiry stems, blending orange, red, yellow and lemon shades.

35c. each, doz. \$3.50



Begonia



Cannas

Tuberouses

In this latitude May 1st is ample time to plant in the open ground, but the bulbs can be started in pots much earlier if desired. Select a warm soil and a sunny spot. The soil should be rich, but no special preparation is necessary. Place the bulb so the top will be covered about 1 inch with soil.

Excelsior Pearl. Extra large, fine flowering bulbs.

Mammoth Bulbs, per doz. 75c., 100 for \$5.50.



Lilium auratum

DAHLIAS

Our Dahlias are all divisions of field grown roots of suitable planting size. Clean, healthy stock.

DECORATIVE	Each
Amun Ra. Distinct in color and formation. Outer petals, copper and orange, shading to gold and amber deepening to reddish brown in center.....	\$0.50
Calvin Coolidge Jr. Habit of growth, form and size of flower similar to Jersey Beauty. Color rose pink suffused salmon.....	.40
Jane Cowl. Deep massive blooms of bronzy buff and old gold, blending darker toward center. Wonderful exhibition flower.....	.50
Jersey's Beauty. The most popular variety for cut flowers. Beautiful pink in color, strong stem and excellent keeper.....	.25
Jersey's Beacon. Well formed flowers of great size and depth. Color Chinese scarlet.....	.50
Jean Kerr. The perfect white dahlia. An early and constant bloomer.....	.25
Judge Marean. Orange yellow and gold.....	.35
Kentucky. Orange, salmon pink.....	.35
Kittie Dunlop. Carmine rose, large size, continuous bloomer.....	.35
Mrs. Carl Salbach. One of the finest lavender pink sorts.....	.35
Mrs. I. de Ver Warner. Produces a profusion of perfect flowers under all conditions. Refined, pleasing mauve-pink. Early and continuous bloomer.....	.25
Paul Michael. Often ten inches in diameter, almost color of gold. One of the finest garden Dahlias, but not the best of keepers.....	.50
Pride of California. A giant dark red that is hard to beat for size and beauty.....	.35
Sagamore. Light saffron yellow with salmon tints. Medium size flowers, much prized for picking....	.35
Sampson. Immense deep blooms borne on strong stems. A beautiful combination of scarlet and gold	.50
Snowdrift. Giant white, one of the few desirable white varieties.....	.25



Decorative Dahlia

	Each
Sylvia Dickey. Large and very free bloomer. Color beautiful phlox pink.....	\$0.25
Yellow Colosse. A free bloomer and good keeper. Good size flowers of bright color.....	.25

HYBRID CACTUS	Each
Cigarette. Creamy white edged pomegranate red; large, deep well formed flower.....	\$0.50
Countess of Lonsdale. Salmon apricot.....	.35
F. W. Fellows. Large flower of unusual striking orange color, composed of large straight narrow petals.....	.50
Gladys Sherwood. Large, well formed flowers of glistening white.....	.50
Kalif. Bright scarlet, good sized bloom. Free blooming, good keeper and fine stem.....	.50
Mrs. Edna Spencer. Beautiful shade of orchid lavender pink shading to white.....	.50
Mrs. W. E. Estes. Pure white.....	.50
Sole Mio. Deep yellow and apricot.....	.50
U. S. A. Flowers large size, good formation, strong stem. Distinct from all others in color, a pure, deep orange sparkling and glistening.....	.75

POMPON

The Pompon Dahlias have been neglected for some time, but in the last few seasons have attracted considerable attention. Being dwarf in growth they require little support. Desirable for permanent decoration or as a cut flower.

Ganymede. Exquisite shade of fawn.
Geo. Ireland. Mauve pink.
Joe Fette. Pure white.
Kleine Domitea. Orange buff.
Little Herman. Variegated red and white.
Little Jennie. Pale primrose.

25c. each, \$2.50 per doz.



Hybrid Cactus Dahlia

GLADIOLUS

Bulbs planted in open ground in Spring produce plants with long, rushlike foliage and magnificent flower spikes early in the following Autumn.

Our stock is all No. 1 grade, clean, well graded

Each Doz. 100

America. One of the finest varieties; color soft flesh pink, orchidlike in color and texture...	\$0.10	\$0.60	\$3.50
Anna Eberius. Dark lavender, shading to purple throat; fine, long, well set spike.....	.10	.69	4.00
Captain Boynton. Soft lavender over white ground, clear cut purple blotches. Tall spikes carrying up to 18 buds.....	.10	.60	4.00
Carmen Sylva. Pure white, tall growing, blooms large and many opening at once....	.10	.60	4.00
Crimson Glow. Large brilliant crimson.....	.10	.60	4.00
Golden Measure. Light maize yellow, long stem	.10	.75	5.00
Kunderd's Yellow Wonder. Good clear yellow, robust plant six to eight flowers open at one time early.....	.12	1.00	7.00
Mr. W. H. Phipps. Clear pink shading to salmon in throat, enormous flowers on massive spikes.....	.10	.75	5.00
Mrs. Dr. Norton. Cream center shading to pink, lower petal blotched sulphur; a superior variety	.10	.60	4.00
Mrs. Leon Douglas. Begonia rose with flecks of flame scarlet, lower petal crimson with specks of ruby red; leaves, spike and flowers of enormous size; an outstanding variety..	.10	.75	4.00
Mrs. Francis King. Beautiful light scarlet...	.10	.60	4.00
Mrs. Frank Pendleton. Large, well expanded flowers, light pink blotched blood red in throat	.10	.60	4.00
Minuet. Very fine lavender.....	.12	1.00	6.00
Persia. Deep maroon, large flowering. The best of the dark varieties.....	.12	1.00	7.00
Schwaben. Rich orange yellow with carmine blotch, extra long spike. Reselected stock..	.10	.75	5.00
Scarlet Wonder. Pure deep scarlet; magnificent in color and size.....	.10	.75	5.00

Pino's Special Mixture Gladiolus

Selected to cover a wide range of types, and we have given special attention to the selection of the lighter and more desirable shades. All bulbs strictly first size and large flowering varieties.

Doz. 40c., \$2.75 per 100, \$22.00 per 1000



Modern Type Gladiolus

PEONIES

Strong Divisions—3 to 5 Eyes

COURONNE D'OR.

Pure white with ring of yellow stamens around tuft of center petals.

FELIX CROUSSE.

Bomb type. Brilliant red.

KARL ROSENFELD.

Dark crimson. Large, globular and compact.

FESTIVA MAXIMA.

Globular type. Pure white flecked crimson.

SARAH BERNHARDT.

Dark rose pink; very large and fragrant.

50c. each, per doz. \$5.00



Peony Festiva maxima

GARDEN TOOLS AND REQUISITES

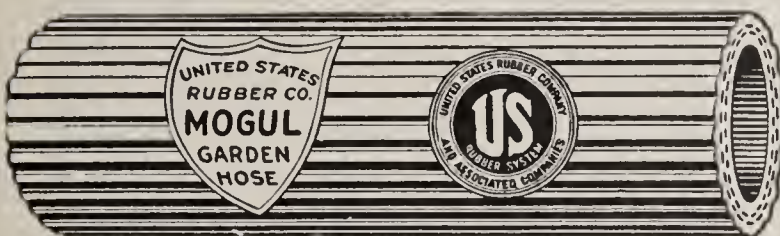
Dibbles. Used in transplanting Cabbages, etc. Steel points. Each 90c.



National Eezy Wear Garden Gloves

Gloves. A soft, pliable, all-leather, dirt proof glove for both men and women—specially adapted for general home use, such as housework, garden, garage, furnace. **Pair 75c.**

Garden Hose. "U. S." Mogul, $\frac{3}{8}$ in. size only; recommended as the most convenient and economical size; 25 ft. length \$4.00, 50 ft. length \$7.50.



Hose Menders. Cooper's. Made of heavy brass. Requires no wire or pliers to adjust them. For $\frac{1}{2}$ -inch or $\frac{3}{4}$ -inch hose. Each 10c., doz. \$1.00; 1-inch, each 10c., doz. \$1.00.

Hose Nozzle. New Boston Spraying. Coarse or fine spray, large or small stream. 75c.

Grafting Wax. $\frac{1}{4}$ lb. pkg. 15c., $\frac{1}{2}$ lb. 30c., lb. 55c.

Grass Hooks (Sickles). English, each 80c. and \$1.00.

Japanese Broom Rake. Cleans the lawn as completely as though swept with a broom. 90c.

Keep Off the Grass Signs. Galvanized. 75c.

Knives. Budding and pruning. \$1.00 to \$2.00.

Knives. Asparagus. For cutting Asparagus under the surface 50c. each.

Edging Knife. Handled. \$1.35.

Lawn Rakes. Wooden, best quality. Each \$1.25.

Rakes. Garden, steel, 12 teeth, \$1.10; 14 teeth, \$1.20; 16 teeth, \$1.25; 18 teeth, \$1.45.

Scythes. Cast steel. Best quality. American \$1.90, English \$2.75.

Scythe Stone. Talacre, oval. Each 25c.

Shears. Grass border. English. 9-in. \$5.75; with wheel, \$6.50.

Shears. Hedge. 8-in. \$3.35; 9-in. \$3.80; 10-in. \$4.30; with notch, 50c. extra.

Shears. Hand pruning. American. Each \$1.00 to \$2.50. French. 8-in. \$2.50, 9-in. \$2.75.

Shears. Lopping. American. \$1.90.

Shears. Sheep. Used for trimming grass borders. \$1.00 to \$1.50.

Saws, Pruning. 18-in. \$1.00, 20-in. \$1.25.

Shovels. Ames' square and round pointed, long or short handles. \$2.50.

Shovel. Steel. Each \$1.50.

Spades. Steel. \$1.50 to \$2.50.

Thermometers. Tested and guaranteed. Japanned, tinned case 60c. each, \$6.00 doz.

Thermometers. Incubator. Various patterns. Each 50c.

Thermometers. Brooder. Each 35c.

Thermometers. Hotbed and Mushroom bed. Boxwood, brass tip, made for plunging. \$1.00.

Trowels. Garden. Forged steel. English. 75c.

Trowels. Garden. Common, steel blade. Each 20c.

Trowels. Garden. Solid steel. Each, 6-in. 35c.

Savo Steel Flower Boxes



Self-watering, for windows, porches, sun parlors, etc.

	Each
Size A, 23 in. long.....	\$3.75
Size B, 29 in. long.....	4.25
Size C, 35 in. long.....	4.75
Size D, 41 in. long.....	5.25

Folding Plant Stand

Can be opened or folded in a few seconds. Finished in green and bronze. Compact and durable. Takes up very little space when not in use. 3-wire trays, $7\frac{1}{2} \times 30$, \$5.75.

Galvanized Iron Window Boxes

Well-made, heavy galvanized iron box fitted with conductor for sub-irrigation. 24-in. long, \$1.50; 30-in. long, \$2.00; 36-in. long \$3.00.

Brown's Sprayers



Auto Spray No. 9B. The strongest and most simple in its working parts of any compressed air sprayer. Two pumpings of about 15 strokes on the plunger will discharge the contents under high and constant pressure. After pumping the operator has nothing to do but release and direct the spray. Solution tank holds about four gallons, the air pump is made of seamless brass tubing located inside tank, protected from injury, and is provided with a cam locking device which closes the filler opening air-tight with a half turn of the pump handle. Our compressed air sprayers are all equipped with the Auto Pop nozzle; by a pressure of the fingers on the handle the spray is turned on and releasing pressure automatically shuts off. Complete, with brass tank, Auto Pop nozzle and 2 ft. extension, \$9.50.

Auto Spray No. 9D.

Same equipment as above. Galvanized tank, Auto Pop nozzle, 2 ft. extension. Each \$6.50.

Auto Spray No. 5.

A double acting general purpose hand pump. All working parts brass and interchangeable; easily

taken apart for cleaning. Pump may be used in any receptacle or in connection with the galvanized knapsack as offered.



Pump, Hose, Nozzle and Strainer. Complete, \$5.00.

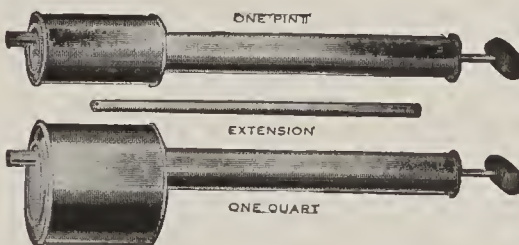
Galvanized Knapsack. \$3.00.

Auto Spray No. 6. Probably the most powerful bucket pump made; can easily generate a pressure of 200 lbs. **Double Acting**, spraying perfectly on both the up and down stroke, requiring about half the energy required for the ordinary pump. Valves made completely of brass; also suction strainer and strainer in nozzle of brass. Foot rest 16 inches high, which will clear almost any bucket. Can be taken down or put together without aid of tools and is as easily cleaned as a gun barrel. Price, complete, \$4.50.

Auto Spray No. 26C. All brass continuous atomizer, using half liquid and half air under pressure; easily dismantled and cleaned. Straight and angle nozzles. \$1.50.

Auto Spray No. 22. All tin, single acting hand sprayer. 50c. Nozzles, Non-Clog Junior, 75c.; Auto Spray, 60c.; Auto-Pop, \$1.50. Bordeaux, \$1.00.

Duster Brown Dry Powder Gun



A very practical duster of new design, especially adaptable for use in applying insect powders. It is simply constructed and works on a new principle recently discovered. The extension is of sufficient length to enable the operator

to spray ordinary field crops without bending over. **Uses**—For spraying dust on tobacco, small garden plots, rose bushes, or in any place where dust is to be applied. It is especially adaptable for use in applying insect powders.

No. 2 B, 1 pint.....\$1.00

No. 2 C, 1 quart.....1.25

Brown Crystal Duster. By far the best duster on the market \$1.50

Double Barrel Duster. For dusting all dry insecticides. Considered the best; adapted for the home garden. 75c.

Weeders

Excelsior. Used for loosening the soil in borders and beds. Each 20c.

Hazeltine. Each 30c.

Magic. A very handy spring tooth hand weeder. Each 20c. to \$1.00.



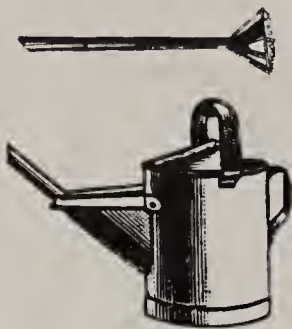
Watering Pots, Galvanized

Made from the best quality iron and galvanized after being made. The strongest watering pot made. The joints are brass. Two copper face roses go with each pot for fine and coarse watering.
6-qt. \$5.50, 8-qt. \$6.00, 10-qt. \$6.50, 12-qt. \$7.00

Watering Pot, French Pattern. Same as above in quality, oval in shape with brass handle. 6-qt. \$6.50, 8-qt. \$7.00, 10-qt. \$7.50, 12-qt. \$8.00. Extra Roses, 65c.

Watering Pots. Galvanized iron, short spout. 6-qt. 95c., 8-qt. \$1.15, 10-qt. \$1.40, 12-qt. \$1.60.

Watering Pots. Painted. For window gardening, without rose. Assorted colors, 2-qt. \$1.25.



Labels

WOODEN POT AND GARDEN		100	1000
4-in. Pot Labels, Painted.....	\$0.30	\$2.35	
4 1/2-in. Pot Labels, Painted.....	.30	2.50	
5-in. Pot Labels, Painted.....	.35	2.75	
6-in. Pot Labels, Painted.....	.40	3.25	
8-in. Garden Labels, Painted.....	1.00	8.00	
10-in. Garden Labels, Painted.....	1.25	10.00	
12-in. Garden Labels, Painted.....	1.50	12.50	
3 1/2-in. Copper Wired Tree, Painted.....	.35	3.00	

Simplex Weatherproof, 3x1 1/2 in... Doz. 35c 2.50
Indestructo. Metal plant label.

No. 1. 3/4x3 3/4 in.....	1.50
No. 2. 1 1/2x5 in.....	2.00

Adjusto Plant Support

The most simple and easily adjusted plant supporter on the market. The ring opens to place about the plant, is hooked together and placed at any desired height on the stake.

4 ft.....	Each 30c., doz. \$3.00
5 ft.....	Each 40c., doz. 3.60
6 ft.....	Each 45c., doz. 4.50
18-in. for pot plants.....	Each 10c., doz. 1.20

Timesaver Plant Support

Galvanized stake, loop top and sliding clip and fibre loop. The stake is shoved into ground, the sliding clip adjusted to proper height and the fibre loop drawn about the plant and drawn into the clip. Easily readjusted.

3 ft.....	Each 15c., doz. \$1.40
4 ft.....	Each 20c., doz. 2.25
5 ft.....	Each 25c., doz. 2.75

Glazed Flower Pots

Standard size pots with saucers to match, standard colors—green, yellow and blue. Special colors—rose, lavender and black.

Standard		Special	
Inches		Inches	
3.....	\$0.30	3.....	\$0.40
4.....	.40	4.....	.45
5.....	.50	5.....	.60
6.....	.65	6.....	.75
7.....	1.10	7.....	1.25
8.....	1.25	8.....	1.50
9.....	1.50	9.....	2.00

Plant Stakes

PLANT STAKES—PAINTED GREEN—SQUARE

	Doz.	100
1 1/2 ft.....	\$0.25	\$1.50
2 ft.....	.35	2.25
2 1/2 ft.....	.50	3.25
3 ft.....	1.00	6.00
3 1/2 ft.....	1.15	7.50
4 ft.....	1.25	9.50
5 ft.....	2.00	14.00
6 ft.....	2.25	15.50

Cane Stakes. Can be cut to any desired length; much used by florists for supporting Roses, Carnations, Lilies, etc. 6 ft., doz. 40c., 100 \$2.50; 8 ft., doz. 60c., 100 \$3.50.

Cane Stakes, [Green		Doz.	100
1 1/2 ft.....	\$0.12	\$0.75	
2 ft.....	.15	.85	
2 1/2 ft.....	.18	1.00	
3 ft.....	.20	1.25	
4 ft.....	.30	1.50	
5 ft.....	.35	2.00	

Plant Trellis

	Each
2 ft. Veranda....	\$0.90
3 ft. Veranda....	1.15
4 ft. Veranda....	1.50
6 ft. 18 in. wide..	2.00
6 ft. 28 in. wide..	3.50
7 ft. 18 in. wide..	3.00
8 ft. 18 in. wide..	3.50
8 ft. 28 in. wide..	4.50
10 ft. 20 in. wide..	4.50
10 ft. 31 in. wide..	5.75
12 ft. 20 in. wide..	5.00
12 ft. 36 in. wide..	6.75
18 in. fan trellis, 6 in. wide at top.....	.35
2 ft. fan trellis, 10 in. wide at top.....	.50
2 1/2 ft. fan trellis, 13 in. wide at top.....	.70
3 ft. fan trellis, 16 in. wide at top.....	1.15
4 ft. fan trellis, 32 in. wide at top.....	1.50
5 ft. fan trellis, 32 in. wide at top.....	2.20
6 ft. fan trellis, 38 in. wide at top.....	2.50
7 ft. fan trellis, 42 in. wide at top.....	3.00
8 ft. fan trellis, 46 in. wide at top.....	3.50

Flower Pot Brackets

Adapted to plain flower pots and saucers. Flat steel, perfectly strong. Can be fastened on narrowest moulding. Black finish. No. 1, for a 5-in. pot, 50c.; No. 2, for a 6-in. pot, 60c.; No. 3, for a 7-in. pot, each 75c.

Cemetery Vases

Clay glazed-finish, large holding capacity 35c.

Standard Flower Pots

	Each	Doz.	100	Measurements from Inside to Inside. Width and Depth Equal.
2 in.....	\$0.03	\$0.25	\$1.50	
2 1/4 in.....	.03	.30	1.70	
2 1/2 in.....	.04	.35	2.00	
3 in.....	.04	.40	2.50	
3 1/2 in.....	.05	.45	3.00	
4 in.....	.06	.60	3.75	
5 in.....	.10	1.00	6.75	
5 1/2 in.....	.12	1.20	8.50	
6 in.....	.15	1.35	10.00	
7 in.....	.25	2.50	17.00	
8 in.....	.35	3.50	25.00	
9 in.....	.50	5.00	37.50	
10 in.....	.65	7.00	50.00	
12 in.....	1.15	13.00	100.00	

Azalea Pots and Seed or Bulb Pans. Prices same as Standard Pots.



Basketry Supplies

If sent by parcel post add postage to these prices

Each		Each	
3 in. Round bases	\$.07	10x16 Rectangular	\$0.50
3½ in. Round bases	.08	12x18 Rectangular	.70
4 in. Round bases	.09	Coasters 2 glass	.20
5 in. Round bases	.12	Coasters 3 glass	.30
6 in. Round bases	.15	Coasters 4 glass	.40
7 in. Round bases	.18	Coasters 6 glass	.50
8 in. Round bases	.20	Octagonal Sandwich Trays	.50
9 in. Round bases	.22	Refreshment Trays, 14x19	1.15
10 in. Round bases	.25	Refreshment Trays, 16x24	1.65
11 in. Round bases	.30	Lamp bases, 7 in. high	.40
12 in. Round bases	.35	Lamp bases, 12 in. high	.85
14 in. Round bases	.50	Lamp bases, 14 in. high	1.00
6x10 Oval bases	.25	Lamp bases, 16 in. high	1.10
8x12 Oval bases	.30	5 in. Round bases with lip	.25
10x16 Oval bases	.40	10 in. Round bases with lip	.40
12x19 Oval bases	.65	8 in. Half circle	.20
16x24 Oval bases	1.25	9 in. Half circle	.22
6½x10½ Rectangular	.25	10 in. Half circle	.25

REED

	Oz.	½ Lb.	1 Lb.		Oz.	½ Lb.	1 Lb.
No. 1 Reed...	\$0.12	\$0.85	\$1.50	No. 5 Reed...	\$0.10	\$0.50	\$0.85
No. 2 Reed...	.10	.70	1.25	No. 6 Reed...	.10	.50	.75
No. 3 Reed...	.10	.65	1.15	No. 7 Reed...	.10	.40	.65
No. 4 Reed...	.10	.60	1.00	No. 8 Reed...	.10	.40	.65
				Flat Reed...	.10	.50	.75

RAFFIA

Natural. ¼ lb. 15c., 1 lb. 35c.	Needles. 10c. and 25c. per pkg.
Colored. .oz. 10c., ½ lb. 75c., 1 lb. \$1.25	Pine Needles. 75c. per lb.
	Handles for Trays. 60c. per pair

WOOD BEADS

Round and Oval. 5c. doz., 35c. per 100 and up

JOHNSON'S WOOD DYES

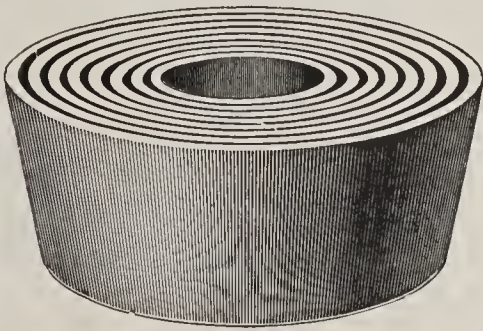
Complete line all shades, ½ pt. bottles. 45c. and 50c.

Underlac (Shellac Substitute), ½ pt. cans. 40c.

Fern Pans

The pans are especially adapted for linings to porcelain and silver fern pans. Dimensions given are outside measurements. Each

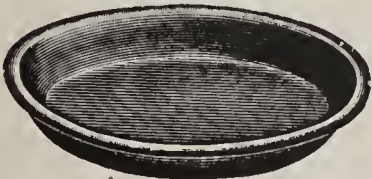
Size 4 x1 7/8 in.	\$.09
Size 4 3/4 x2 1/8 in.	.12
Size 5 1/2 x2 1/4 in.	.15
Size 6 1/4 x2 3/4 in.	.18
Size 7 x2 5/8 in.	.20
Size 8 x3 1/8 in.	.30
Size 9 x3 3/4 in.	.35



Hanging Pots

7-in., each 45c.; 8-in., each 60c.; 9-in., each 75c.; 10-in., each \$1.10; 12-in., each \$1.50.

Clay Flower Pot Saucers



In.	Each	Dos.	100
6.....	\$0.08	\$0.80	\$6.00
7.....	.10	1.10	8.00
8.....	.14	1.60	12.00
9.....	.20	2.25	16.00
10.....	.25	2.75	20.00
11.....	.28	3.00	22.00
12.....	.35	3.50	28.00
14.....	.45		
15.....	.60		
16.....	.80		
18.....	1.00		

In.	Each	Dos.	100
4.....	\$0.05	\$0.45	\$3.00
5.....	.06	.60	4.00

Plant Tub

An attractive tub made of white pine, painted outside and inside with two coats of linseed oil paint. Heavy wire electrically welded hoops.

Made of White Pine, painted, light and attractive.



No.	Diam.	Height	Each
No. 2.	7 in.	7 in.	\$0.65
No. 3.	8 in.	8 in.	.75
No. 4.	9 in.	9 in.	.85
No. 5.	10 in.	9 in.	1.00
No. 6.	11 in.	10 in.	1.25
No. 7.	12 in.	11 in.	1.50
No. 8.	13 in.	12 in.	1.75
No. 9.	14 in.	13 in.	2.00
No. 10.	15 in.	14 in.	2.25
No. 11.	16 in.	15 in.	2.35



Neponset Paper Flower Pots

Made from tough fibre paper; lasting and thoroughly waterproof.

	Doz.	100
2 1/4 in.	\$0.10	\$0.50
2 1/2 in.	.12	.60
3 in.	.15	.75
3 1/2 in.	.18	1.00
4 in.	.25	1.25
5 in.	.30	1.85
6 in.	.40	2.50

Recleaned Bird Seed and Pet Supplies

If wanted Parcel Post, add postage.

CANARY (Plain). Recleaned, extra quality. Lb. 15c., 5 lbs. 75c., 10 lbs. \$1.50.

CANARY (Mixed). A mixture of finest quality in proper proportions. Lb. 15c., 5 lbs. 75c., 10 lbs. \$1.50.

CUTTLE FISH BONE. For digestion. 5c. each, ¼ lb. 25c., lb. 75c.

HEMP SEED. Very rich and should be fed with care. Lb. 12c., 5 lbs. 60c., 10 lbs. \$1.10.

LETTUCE SEED. Relished by canaries. Add small quantity to other seeds. Oz. 5c., ¼ lb. 15c.

MAW SEED. To improve song of canaries. Pkt. 10c., lb. 40c.

MILLET SEED. Recleaned. Lb. 15c., 5 lbs. 50c., 10 lbs. 90c. White. Lb. 20c., 5 lbs. \$1.75.

RAPE SEED. Many canaries prefer this to the canary seed. Lb. 15c., 5 lbs. 75c., 10 lbs. \$1.50.

SILVER SAND. For bird cages; extra clean. Pkg. 15c.

SILVER SAND (Bulk). 15 lbs. 50c., 25 lbs. 75c., 100 lbs. \$2.50.

GRAVEL PAPER. Various sizes. Packages, 12 sheets, 25c. to 35c.

SUNFLOWER SEED. Used largely for parrot feed. We handle only the best obtainable. Lb. 15c., 3 lbs. 40c., 10 lbs. \$1.30.

UNHULLED RICE. Lb. 20c., 5 lbs. 75c., 10 lbs. \$1.40.

BIRD BATHS, 15c. DRINKING CUPS, 15c. and 30c.

CAGE SPRING and CHAIN. 30c. and 35c. Short Barre Springs 15c.

HOOKS. 25c. and 35c.

SPRATT'S COD LIVER OIL, CAGE BIRD AND NESTLING FOOD, 15c.

CANARY SEED, with egg and fruit, 25c.

SING SONG, 15c.; SONG RESTORER, 25c.

BURNETT'S UNEXCELLED BIRD FOODS: Song Restorer, 25c.; Bird Tonic, 25c.; Bird Wash, 25c.

Aquariums and Fish Supplies

Round Globes. 25c. to \$1.50.

Aquariums. All glass. \$2.50, \$3.75, \$5.50, \$7.50, \$9.50.

Frame Aquariums. Slate bottom. \$2.25, \$4.00, \$6.00, \$8.00, \$10.00 up.

Ornaments. 15c. to 75c.

Beach Gravel. Qt. 15c., ½ pk. 50c.

Dip Nets. 25c., 35c., 50c., 75c.

Dip Tubes. 35c.

Pearl Chips and Small Sea Shells. Each, box 15c., 2 for 25c.

Aquarium Plants. Bunch 15c.

Common Gold Fish. 15c. 25c. and 35c.

Fan-tails. 50c. and 75c. up.

Telescopes. 75c. and \$1.00.

Tadpoles and Snails.

Fish Foods, Wafer, 15c.; Natural, 10c.; Relpaw, 15c. 2 for 25c.

Plant Foods

STIM-U-PLANT

PLANT STIMULANT TABLET



A powerful fertilizer in tablet form; odorless and suitable for house or garden use. Pkgs. 25c., 75c.; pail, 1000 tablets \$3.50.

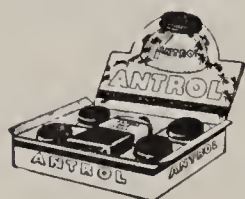
OYAMA PLANT FOOD. Safe, clean and odorless, used dry or in water. Pkg. 30c.

BLOOM AID. A highly concentrated plant food containing the essential ingredients for plant growth — Nitrogen, Phosphoric Acid and Potash. Bloomaid Tablets are made especially for flowers, shrubs and plants, and promote rapid growth and full development, as the plant food is immediately available. Pkg. of 125 compressed tablets, 25c.

GRO-FAST. A scientifically prepared formula, rich in organic nitrogen and other plant food. Recommended for potted plants, lawn and garden. 1 lb. 25c., 5 lbs. 60c.

INSECTICIDES AND FERTILIZERS

INSECTICIDES



ANTROL. Adapted to any size house or garden and quickly destroys all species of sweet eating insects. It is composed of glass containers and special formula syrup. Set contains one 4 oz. bottle of syrup and four containers. 75c.

Antrol Syrup. 4 oz. bottle. 35c.
Antrol Syrup. 1 pt. bottle. 85c.

ANTROL, Ready-filled. Consists of 4 special glass "feeders" filled with regular Antrol Syrup. You simply remove inside liner from the cap, replace cap, and place feeders round infested area or in the house. Ideal for use in apartments, homes, camps, yards, etc. 50c. per set.

ANTROL ANT AND ROACH POWDER. An improved, fast killing powder for the extermination of ants and roaches. 2 oz. can with shaker twist top. 20c.

ANT GAS. Kills all ants quickly. Safe, non-poisonous and easy to use. ½ pt. 50c.

APHINE. A contact spray effective against all sucking insects infesting flowers, foliage, fruits and vegetables. ¼ pt. 25c., ½ pt. 40c., pt. 65c., qt. \$1.00.

ARSENATE OF LEAD (Dry). Lb. 30c., 4 lb. bags \$1.00.

BORDEAUX MIXTURE (Dry Powder). For all fungoid diseases, such as mildew and various rots of Grapes, etc. Lb. 30c., 4 lb. bag \$1.00.

BORDEAUX MIXTURE WITH ARSENATE OF LEAD (Dry). An excellent combined insecticide and fungicide. Lb. 30c., 4-lb. bags \$1.00.

"BLACK LEAF 40" (Nicotine Sulphate). For destroying aphids, thrips, etc., without injuring the foliage. Oz. bottle 35c., 5 oz. \$1.00, 1 lb. \$2.25, 2 lbs. \$3.35.

CYANOGAS. Valuable for greenhouse fumigation, for destroying aphids, white fly, thrips, etc. Lb. 75c., 5 lbs. \$3.00, 25 lbs. \$10.00.

DOG SKAT. Keeps dogs, cats and animals away from trees, evergreens, Roses, shrubbery, etc. Tube releases vapor offensive to animals, but not noticeable to humans. One tube lasts a year. 50c.

FISH OIL SOAP. Commonly known as Whale Oil Soap. Makes an excellent wash for trees and plants; kills insects and eggs on the bark. Lb. 35c., 5 lbs. \$1.50.

GRAPE DUST. A preparation to kill that destructive mildew that strikes the Grape vine; also for like use upon any other plants or trees affected with mold, mildew or rust mites, either in greenhouses or the open air. Lb. 30c., 5-lb. pkg. \$1.00.

HELLEBORE. For destroying Rose bugs, Currant worms and other soft shelled insects. It can be applied dry or in liquid form. Lb. 50c.

LIME-SULPHUR DRY POWDER. This preparation is scientifically prepared and is widely recommended and known as one of the best preparations for San José scale, oyster shell scale, etc. Use 2 to 3 gals. to 50 gals. water. Lb. 40c., 5 lbs. \$1.50.

NICOTINE PYROX. Kills both chewing and sucking insects. Mix with water and spray. 10 ozs. 50c., 40 ozs. \$1.25.

PARIS GREEN. Superior quality. ¼ lb. 20c., lb. 55c.



Pomo-Green

Pomo-Green with Nicotine. The leaf-green all-in-

one Dust or Spray. A combination material which controls fungous diseases, and kills both leaf-eating insects and aphids. 1 lb. can 75c., 5 lb. can \$3.00.



A contact insecticide that may be used upon tender foliage without burning and delicate flowers without staining. Economical to use. Oz. 35c., ¼ pt. \$1.00, ½ pt. \$1.75, pt. \$3.25, qt. \$6.00.

SCALECIDE. The best spray for San José scale. A mechanical preparation of petroleum oil that instantly mixes with cold water. Qt. 75c., gal. \$1.75, 5 gals. \$6.25.

SEMESAN. For treating seeds; hastens germination, stimulates growth, controls disease. 2 ozs. 50c., lb. \$2.75.

SLUG SHOT. Destroys all insects injurious to house and garden plants, vegetables and fruits of all kinds. Equals Paris Green when used liberally, without the danger from poison. Lb. 25c., 5-lb. pkg. 75c.

SULPHUR, FLOWERS OF. A staple preventive for mildew on Grapes, Roses, etc. Lb. 15c., 5 lbs. 60c., 10 lbs. \$1.00.

TOBACCO DUST. If dusted on while the foliage is moist it destroys Rose lice, Cabbage and Turnip fleas, etc. Spread upon the ground it keeps off earth insects and acts as a fertilizer. 1 lb. carton 25c., 5 lbs. 50c., 10 lbs. 75c., 25 lbs. \$1.50.



SNAROL. For the control of cut worms, snails, slugs, etc.; non-injurious to vegetation and very economical to use on account of its insolubility in water. 1½ lbs. 35c., 4 lbs. 85c.

VOLCK. A powerful spray, effective on all ornamental and flowering plants for control of red spider, aphids, scale, etc. ½ pt. 50c., pt. 75c., qt. \$1.00, gal. \$3.00.

WILSON'S O. K. PLANT SPRAY. Powerful yet harmless insecticide for aphids, red spider, mildew, scale, etc. For use inside or outdoors. ½ pt. 40c., qt. \$1.25.

FERTILIZERS



This is a pure natural manure and the most nutritious food for plants. It is excellent as a top dressing for lawns. There is nothing better for mixing with the soil for greenhouse plants; one part manure and six parts soil. For use in the vegetable garden place directly in hills or drills, it promotes a rapid and steady growth. 2 lb. pkg. 20c., 5 lbs. 40c., 10 lbs. 70c., 25 lbs. \$1.15, 50 lbs. \$1.75, 100 lbs. \$3.00.

ADCO. The addition of Adco to vegetable refuse, grass clippings, leaves, etc., will produce a clean, odorless manure in 3 to 4 months. Circular upon request. 25 lbs. \$2.00, 100 lbs. \$7.75.

BOVUNG. Plain, dried cow manure combining the chemical values of fertilizer with the organic and physical values of manure. It contains all essentials necessary for soil improvement and vigorous plant growth. 50 lbs. \$1.75, 100 lbs. \$3.25.

CATTLE MANURE. Heat dried and shredded. Suited to mixing in soil, mulching or liquid manuring. 100 lbs. \$3.25.

ARMOUR'S VERT. Odorless. Contains more pounds of highest grade plant food in water soluble form than is generally used in lawn and garden fertilizers. 5 lb. pkg. 50c., 25 lb. bag \$1.75, 50 lbs. \$3.00, 100 lbs. \$5.00.

ARMOUR'S BIG CROP (4-8-4). A high grade general farm and garden fertilizer. 50 lbs. \$1.75, 100 lbs. \$3.00.

KOPPER'S VELVET LAWN (Sulphate of Ammonia, 23½%). Feeds the grass and starves the weeds; readily available; the driest sulphate on the market; no limping or caking. Odorless. 26 oz. carton 25c., 5 lbs. 60c., 10 lbs. \$1.15, 25 lbs. \$2.25, 50 lbs. \$3.75, 100 lbs. \$6.00.

PURE GROUND BONE MEAL. This finely pulverized ground bone is excellent for Rose culture, top dressing for lawns and for potted plants. 5 lb. pkg. 40c., 10 lbs. 75c., 25 lbs. \$1.25, 50 lbs. \$2.00, 100 lbs. \$3.50, 200 lbs. \$6.50.

UNLEACHED HARDWOOD ASHES. As a fertilizer for lawns, gardens and fruits, Hardwood Ashes are unequaled; they are not a mere stimulant, but supply natural plant food, permanently enriching the soil. Price, 100 lbs. \$2.25.

LIME, AGRICULTURAL. To rectify some soil. Pkg. 25c., 50 lbs. \$1.00, 100 lbs. \$1.50.

NITRATE OF SODA. This is valuable solely for the nitrogen it contains, equal to 18¼ per cent. of ammonia. Being extremely soluble, it should not be applied until the plants are above ground, when 100 to 150 lbs. per acre. Lb. 15c., 5 lbs. 40c., 10 lbs. 75c., 100 lbs. \$4.50.

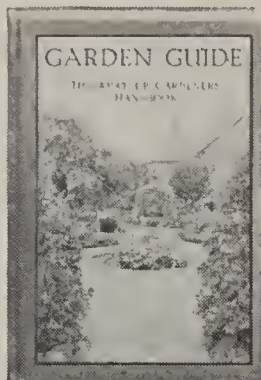
MURIATE OF POTASH (48%). 10 lbs. 75c., 25 lbs. \$1.50, 50 lbs. \$2.50, 100 lbs. \$4.00.





ANNUAL SEEDS FOR ROCK GARDENS

	Pkt.		Pkt.
ABRONIA umbellata (Sandverbena). Trailing annual; rose color adapted to dry, poor soil. ¼ oz. 25c.....	\$0.10	LOBELIA, Crystal Palace Compacta. Very compact deep blue flowers.....	\$0.10
AGERATUM, Blue Star. Exceedingly dwarf and even growth, not over 4 to 5 in. high.....	.15	MARIGOLD, Border of Gold. Delicate lace-like foliage surmounted with small single bright orange flowers, very delicate and attractive.....	.10
ALYSSUM, Carpet of Snow. Very dwarf, 4 in. high; very free blooming. ¼ oz. 25c., oz. 75c....	.10	Legion of Honor. A single flowering Marigold forming compact bushes about 8 inches high, flowering June to frost. Flowers golden yellow with velvety maroon spots at base of petals. ¼ oz. 25c.....	.10
ANTIRRHINUM, Tom Thumb. White, Pink, mixed all colors.....	.10	MIMULUS tigrinus (Monkeyflower). Tigered and spotted flowers, borne in profusion. 1 ft. ⅛ oz. 50c.....	.10
BRACHYCOME (Swan River Daisy). Small blue flowers. Blooms profusely most of Summer. 9 in. high. ⅛ oz. 25c.....	.10	NEMOPHILA (Baby-blue-eyes or Bluebells). Low growing annual of easy culture, producing abundance of bright bell-shaped flowers all Summer. Do best in partial shaded, moist situation. ¼ oz. 25c.....	.10
BROWALLIA elata. Blue. Profuse blooming annual covered with blue flowers during the Summer and Autumn. Grows freely in any rich soil. 18 inch. ¼ oz. 30c.....	.10	MATRICARIA, Golden Ball. Compact, bushy plant, 8 in. high, covered with bright yellow densely double blooms. ⅛ oz. 35c.....	.10
CANDYTUFT (Iberis umbellatum). Valuable annuals adapted to Rock Gardens, should be grown in mass and thinned to six inches apart making sowings two weeks apart for succession of bloom. Will succeed in any light, airy location. Separate colors, Lilac, Rose, Flesh, Purple, Crimson, White, each ¼ oz. 25c.....	.10	PETUNIA, Nana Erecta. The finest dwarf upright growing, free blooming type.	
All colors mixed. ¼ oz. 20c., 1 oz. 50c.....	.10	Rosy Morn. Clear pink, white throat. ⅛ oz. 50c.	.15
CONVOLVULUS minor or Dwarf Morning-glories. Splendid for growing in beds or clumps and much used in hanging baskets and window boxes. Very desirable for clumps in the Rock Garden. While called Morning Glories, they remain open all day in fine weather. Very easily grown.		Violacea. Steel blue or deep violet. ⅛ oz. 50c...	.15
mauritanicus. Blue with white throat.....	.15	Snowball. Pure white. ⅛ oz. 50c.....	.15
Monstrosus. Dark blue. Oz. 25c.....	.10	Nana Erecta Finest Mixed. Containing all the varieties in this type of Petunia. ⅛ oz. 35c....	.15
DIANTHUS, Sweet Wivelsfield. New hardy annual; resembles large flowering Sweet-william. Distinct in habit and freedom of growth. Colors reds, pinks, and crimsons; about 12 in. high. Seed sown in February or early March bloom June to October, or sown in open ground in April, bloom late in Summer.....	.25	PHLOX drummondii, Dwarf or Compact. Grow very symmetrical in neat little bushes, 6 to 8 inches high and covered with flowers during the entire season. Excellent for beds, borders or clumps in the rock garden. Easily grown.	
DIANTHUS chinensis. Double, in many bright colors.....	.10	Cecily Mixed. Large flowering compact in many shades and colors. ¼ oz. 50c.....	.10
ESCHSCHOLTZIA (California Poppy). Large flowering hybrids. Choice mixed. ⅛ oz. 35c.....	.15	PORTULACA. Very brilliant dwarf annual suitable for warm, dry locations; do not sow until hot weather.	
GAILLARDIA, Indian Chief. Center dark brown petals, glittering metallic bronzy red. Very outstanding color. ⅛ oz. 35c.....	.15	Single Mixed. ¼ oz. 25c., 1 oz. 75c.....	.10
GODETIA (Satin Flower). Attractive hardy annuals, blooming profusely. Flowers Azalea-like, satiny texture, in many colors. Adapted to rather poor soil. 1 ft. ¼ oz. 25c.....	.10	Double Choicest Mixture. ⅛ oz. 35c.....	.10
LINARIA moroccana (Toadflax). An easily grown annual adapted to borders and rockeries. Seed sown in open ground in April or May produce spikes of miniature snapdragon like flowers from July to frost. Colors, Yellow, Crimson, Pink, Purple, etc. ¼ oz. 25c.....	.10	VERBENA, grandiflora. A magnificent new strain may be sown in open ground in April or May for bloom in August and September. Separate colors, Blue, Flame Pink, Vivid Scarlet, White, each 20c.	
		WALLFLOWER, Early Paris. Annual, sown in open ground in April or May, bloom in midseason and continue to hard freezing weather.....	.10
		ZINNIA, Pompon. A very compact form growing not over 15 in. high, bearing in profusion small, very double blooms on long stems.	
		Separate colors: Canary, Crimson, Golden, Purple, Salmon, Scarlet, Flesh White. ¼ oz. 40c.	.10
		Rosebud (New). Rose pink. ¼ oz. 50c.....	.15

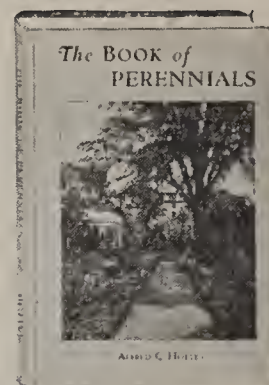


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By *A. Laurie* and *J. B. Edmond*. Covers fertilizers from the greenhouse and garden standpoint and not from the sweeping agricultural viewpoint. 156 pages, 22 full-page illustrations. Cloth, \$2.15 postpaid.

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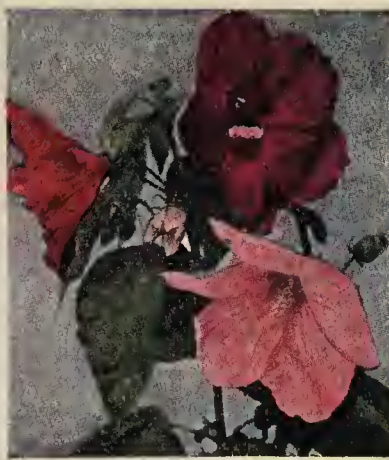
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